

Hydrating Hand Soap – Palm Leaf Mist

MATERIAL SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1	Product identifier Product Name CAS No.	Hydrating Hand Soap – Palm Leaf Mist Mixture.
1.2	Relevant identified uses of the substance or mixture and uses advised against Identified use(s) Uses advised against	Hand soap None known
1.3	Details of the supplier of the product Company Identification Telephone	Grove Collaborative 1301 Sansome Street San Francisco, CA 94111 (844) 476-8375
1.4	Emergency telephone number	(844) 476-8375 [8am-5pm M-F (UTC -7)]

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1	Classification of the substance or mixture GHS 29 CFR 1910.1200	Skin corrosion/irritation – Category 3 Eye damage/irritation – Category 2B
2.2	Label elements Hazard pictogram(s) Signal word(s) Hazard statement(s) Precautionary statement(s)	None. Warning H316 – Causes mild skin irritation. H320 – Causes eye irritation. Wear protective gloves/protective clothing and eye/face protection. Wash hands thoroughly after using product. Use in a well-ventilated area and avoid breathing dust/fumes/gas/mist/vapours/spray. Avoid release into the environment. Do not eat, drink or smoke when using this product. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue to rinse.

If eye irritation persists: Get medical attention.

IF SWALLOWED: Drink plenty of water. Do NOT induce vomiting. Call poison control if person feels unwell.

IF ON SKIN: Rinse with plenty of water.
If skin irritation occurs, get medical attention.
Remove contaminated clothing if safe to do so.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing issues continue get medical attention.

2.3 Other hazards None.

2.4 Additional Information None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

29 CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Water	60-90	7732-18-5
Sodium coco sulfate needles	3-10	68955-19-1
Caprylyl/capryl glucoside	3-10	68515-73-1
Cocobetaine	3-10	683-10-3
Glycerin	1-5	56-81-5
Glyceryl caprylate/caprato	<1	91744-32-0
Potassium sorbate/Sodium benzoate	<1	24634-61-5/532-32-1
Citric acid	<1	77-92-9
Magnesium chloride	<1	7786-30-3
Fragrance (Palm Leaf Mist)	<1	N/A
Aloe vera	<1	8001-97-6

3.2 Additional Information None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, get medical attention.

Skin Contact

Wash with plenty of water. If irritation develops, get medical attention. Remove contaminated clothing if safe to do so. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue to rinse.

Eye Contact

If eye irritation persists: Get medical attention.

Ingestion

Give plenty of water to drink. Do NOT induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media
Unsuitable Extinguishing Media

Water spray, foam, dry powder or CO2.
None known.

5.2	Special hazards arising from the substance or mixture	None anticipated.
5.3	Advice for fire-fighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.
6.2	Environmental precautions	Do not release large quantities into the surface water or into drains.
6.3	Methods and material for containment and cleaning up	
	Household Handling	Small spills and leaks may be cleaned up and disposed of in household trash or diluted and disposed of down drain.
	Industrial Handling	Stop spill at source and contain material. Adsorb spillages onto sand, earth or any suitable adsorbent material. Dispose of liquid and adsorbent material in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to a sewer.
6.4	Reference to other sections	See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.

7.1	Precautions for safe handling	
	Household Handling	Use as directed on product label. Wash hands and exposed skin after use. Do not eat, drink or smoke when using this product.
	Industrial Handling	Wear suitable personal protective equipment. Wash hands and exposed skin after use.
7.2	Conditions for safe storage, including any incompatibilities	KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container in a cool, dry location and keep container closed after use.
	Storage Temperature	Ambient.
	Storage Life	Stable under normal conditions.
	Incompatible materials	None know.
7.3	Specific end use(s)	Hand soap.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	
8.1.1	Occupational Exposure Limits	Not established.
8.1.2	Biological limit value	Not established.
8.1.3	PNECs and DNELs	Not established.
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Provide adequate ventilation.
8.2.2	Personal protection equipment	
	Household Handling	No special precautions necessary as long as product is used as directed.
	Industrial Handling	
	Eye/face protection	Wear protective eye glasses for protection against liquid splashes.
	Skin protection (Hand protection/ Other)	Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).
	Respiratory protection	Normally no personal respiratory protection is necessary.
	Thermal hazards	Not applicable.
8.2.3	Environmental Exposure Controls	Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear, viscous liquid.
Color	Clear.
Odor	Fragranced
Odor Threshold	Not established.
pH	3.5-4.5
Melting Point/Freezing Point	Not applicable.
Initial boiling point and boiling range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Vapour density	Not applicable.
Relative density	No information available.
Solubility	Soluble in water.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Cleaning products should not be mixed with other household chemicals unless specifically provided according to label directions.

10.5 Incompatible materials

Strong oxidizers or reducing agents, strong acids or strong bases.

10.6 Hazardous Decomposition Product(s)

No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Ingredient(s)	CAS No.	Oral LD 50 (Rat)	Dermal LD 50 (Mouse)	Inhalation LC 50 (Rat)
Water	7732-18-5	N/A	N/A	N/A
Sodium coco sulfate needles	68955-19-1	> 2000 mg/kg	> 10000 mg/kg	Not listed
Caprylyl/capryl glucoside	68515-73-1	> 2000 mg/kg	> 2000 mg/kg	Not listed
Cocobetaine	683-10-3	Not listed	Not listed	Not listed
Glycerin	56-81-5	Not listed	Not listed	Not listed
Glyceryl caprylate/caprates	91744-32-0	Not listed	Not listed	Not listed
Potassium sorbate/Sodium benzoate	24634-61-5/532-32-1	> 2000 mg/kg	> 2000 mg/kg	Not listed
Citric acid	77-92-9	6730 mg/kg	Not listed	Not listed
Magnesium chloride	7786-30-3	8100 mg/kg	> 2000 mg/kg (Rabbit)	Not listed
Fragrance (Palm Leaf Mist)	N/A	Not listed	Not listed	Not listed
Aloe vera	8001-97-6	> 5000 mg/kg	Not listed	Not listed

Acute toxicity
Irritation
Corrosivity

None anticipated.
Can be mildly irritating to skin and eyes.
None anticipated.

	Sensitisation	None anticipated.
	Repeated dose toxicity	None anticipated.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ingredient(s)	CAS No.	Fish LC 50 (96h)	Daphnea EC 50 (48h)
Water	7732-18-5	N/A	N/A
Sodium coco sulfate needles	68955-19-1	Not listed	Not listed
Caprylyl/capryl glucoside	68515-73-1	Not listed	Not listed
Cocobetaine	683-10-3	Not listed	Not listed
Glycerin	56-81-5	Not listed	Not listed
Glyceryl caprylate/caprates	91744-32-0	51000-57000 mg/L	Not listed
Potassium sorbate/Sodium benzoate	24634-61-5/532-32-1	>1000 mg/L	Not listed
Citric acid	77-92-9	Not listed	Not listed
Magnesium chloride	7786-30-3	2119 mg/L	548 mg/L
Fragrance (Palm Leaf Mist)	N/A	Not listed	Not listed
Aloe vera	8001-97-6	Not listed	Not listed

12.2	Persistence and degradability	No information available.
12.3	Bioaccumulative potential	No information available.
12.4	Mobility in soil	No information available.
12.5	Results of PBT and VPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.
13.2	Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not regulated for transport in accordance with US DOT Regulations.

14.1	UN number	Not applicable.
14.2	UN Proper Shipping Name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing Group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.2	GHS	Created in accordance with the CPSC's implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

16. SECTION 16: OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Grove Collaborative gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Grove Collaborative accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Multi-Purpose Cleaner Concentrate – Palm Leaf Mist

MATERIAL SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

- 1.1 Product identifier**
Product Name Multi-Purpose Cleaner Concentrate – Palm Leaf Mist
CAS No. Mixture
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified use(s) Dilute into an all-purpose cleaning solution.
Uses advised against Do not use this concentrate for cleaning without dilution.
- 1.3 Details of the supplier of the product**
Company Identification Grove Collaborative
1301 Sansome Street
San Francisco, CA 94111

Telephone (844) 476-8375
- 1.4** Emergency telephone number (844) 476-8375 [8am-5pm M-F (UTC -7)]

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture

GHS 29 CFR 1910.1200

2.2 Label elements

Hazard pictogram(s)



Signal word(s)

Hazard statement(s)

Precautionary statement(s)

Warning

H315 – Skin Corrosion/Irritation – Category 2

IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Rinse cautiously

with water for several minutes. If eye irritation persists: get medical advice/attention.

IF SWALLOWED: Drink plenty of water. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell.

IF ON SKIN: Rinse with plenty of water. If skin irritation occurs: get medical advice/attention.

IF INHALED: N/A

2.3 Other hazards None.

2.4 Additional Information None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

29 CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Water	50-70	7732-18-5
Lauramine oxide	25-35	1643-20-5
Alcohol ethoxylate non-ionic	3-5	9002-92-0
Caprylyl/myristyl glucoside	2-5	110615-47-9
Sodium gluconate	2-5	527-07-1
Fragrance (Palm Leaf Mist)	0.5-1.5	N/A
Tetrasodium glutamate diacetate	0.5-1.5	51981-21-6
Potassium carbonate	0.1-1	584-08-7
Citric acid	0.1-1	77-92-9
1,2-benzisothiazolin-3-one, 2-methyl-4-isothiazolin-3-one	< 0.2%	2682-20-4, 2634-33-5

3.2 Additional Information None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
Skin Contact

Eye Contact

Ingestion

N/A

Rinse with plenty of water. If skin irritation occurs: get medical advice/attention.

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.

Drink plenty of water. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media
Unsuitable Extinguishing Media

Water spray, foam, dry powder or CO₂.

None known.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.
6.2	Environmental precautions	Do not release large quantities into the surface water or into drains.
6.3	Methods and material for containment and cleaning up	
	Household Handling	Small spills and leaks may be cleaned up and disposed of in household trash or diluted and disposed of down drain.
	Industrial Handling	Stop spill at source and contain material. Adsorb spillages onto sand, earth or any suitable adsorbent material. Dispose of liquid and adsorbent material in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to a sewer.
6.4	Reference to other sections	See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.

7.1	Precautions for safe handling	
	Household Handling	Use as directed on product label. Wash hands and exposed skin after use. Do not eat, drink or smoke when using this product.
	Industrial Handling	Wear suitable personal protective equipment. Wash hands and exposed skin after use.
7.2	Conditions for safe storage, including any incompatibilities	KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container in a cool, dry location and keep container closed after use.
	Storage Temperature	Ambient.
	Storage Life	Stable under normal conditions.
	Incompatible materials	None know.
7.3	Specific end use(s)	Dilute into an all-purpose cleaner solution.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	
8.1.1	Occupational Exposure Limits	Not established.
8.1.2	Biological limit value	Not established.
8.1.3	PNECs and DNELs	Not established.
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Provide adequate ventilation.
8.2.2	Personal protection equipment	
	Household Handling	No special precautions necessary as long as product is used as directed.
	Industrial Handling	
	Eye/face protection	Wear protective eye glasses for protection against liquid splashes or solid spills.
	Skin protection (Hand protection/ Other)	Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).
	Respiratory protection	Normally no personal respiratory protection is necessary.
	Thermal hazards	Not applicable.
8.2.3	Environmental Exposure Controls	Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Color	Light yellow.
Odor	Fragranced
pH (concentrate)	10.1-10.5
Solubility	Soluble in water.

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	No conditions to avoid known.
10.5 Incompatible materials	Strong oxidizers or reducing agents, strong acids or strong bases.
10.6 Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Ingredient(s)	CAS No.	Oral LD 50 (Rat)	Dermal LD 50 (Mouse)	Inhalation LC 50 (Rat)
Water	7732-18-5	Not listed	Not listed	Not listed
Lauramine oxide	1643-20-5	> 600 mg/kg	> 520 mg/kg	Not listed
Alcohol ethoxylate non-ionic	9002-92-0	1000 mg/L	Not listed	Not listed
Caprylyl/myristyl glucoside	110615-47-9	> 2000 mg/kg	> 2000 mg/kg	Not listed
Sodium gluconate	527-07-1	> 2000 mg/kg	7630 mg/kg	Not listed
Fragrance (Palm Leaf Mist)	N/A	Not listed	Not listed	Not listed
Tetrasodium glutamate diacetate	51981-21-6	Not listed	Not listed	Not listed
Potassium carbonate	584-08-7	1870 mg/kg	Not listed	Not listed
Citric acid	77-92-9	3000 mg/kg	500 mg/kg	750 mg/kg
1,2-benzisothiazolin-3-one, 2-methyl-4-isothiazolin-3-one	2682-20-4, 2634-33-5	> 2500 mg/kg	> 2000 mg/kg	5.71 mg/L

Acute toxicity	None anticipated.
Irritation	Causes skin irritation.
Corrosivity	None anticipated.
Sensitisation	None anticipated.
Repeated dose toxicity	None anticipated.

11.2 Other information

None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ingredient(s)	CAS No.	Fish LC 50 (96h)	Daphnea EC 50 (48h)
Water	7732-18-5	Not listed	Not listed
Lauramine oxide	1643-20-5	Not listed	Not listed
Alcohol ethoxylate non-ionic	9002-92-0	Not listed	Not listed
Caprylyl/myristyl glucoside	110615-47-9	10-100 mg/L (L. macrochius)	Not listed
Sodium gluconate	527-07-1	> 1000 mg/L	> 100 mg/L (Daphnia pulex)
Fragrance (Palm Leaf Mist)	N/A	Not listed	Not listed

Tetrasodium glutamate diacetate	51981-21-6	> 100 mg/L	> 100 mg/L
Potassium carbonate	584-08-7	510 mg/L (Pimephelas promelas)	Not listed
Citric acid	77-92-9	Not listed	Not listed
1,2-benzisothiazolin-3-one, 2-methyl-4-isothiazolin-3-one	2682-20-4, 2634-33-5	Not listed	32 mg/L (Daphnia)

12.2 Persistence and degradability	No information available.
12.3 Bioaccumulative potential	No information available.
12.4 Mobility in soil	No information available.
12.5 Results of PBT and VPVB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.
13.2 Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not regulated for transport in accordance with US DOT Regulations.

14.1 UN number	Not applicable.
14.2 UN Proper Shipping Name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing Group	Not applicable.
14.5 Environmental hazards	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.2 GHS	Created in accordance with the CPSC's implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

16. SECTION 16: OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Grove Collaborative gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Grove Collaborative accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Ultimate Dish Soap – Palm Leaf Mist

SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1 Product identifier	
Product Name	Ultimate Dish Soap – Palm Leaf Mist
CAS No.	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Dish soap.
Uses advised against	None known.
1.3 Details of the supplier of the product	
Company Identification	Grove Collaborative 1301 Sansome Street San Francisco, CA 94111
Telephone	(844) 476-8375
1.4	
Emergency telephone number	(844) 476-8375 [8am-5pm M-F (UTC -7)]

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture	
GHS 29 CFR 1910.1200	Causes eye irritation – Category 2B
2.2 Label elements	
Hazard pictogram(s)	None.
Signal word(s)	Warning
Hazard statement(s)	H320 – Serious Eye Damage/Irritation – Category 2B
Precautionary statement(s)	IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: get medical advice/attention. IF SWALLOWED: Drink plenty of water. Do NOT induce vomiting. Call a poison control if person feels unwell. IF ON SKIN: Rinse with plenty of water. If skin irritation occurs, get medical advice/attention.

IF INHALED: N/A

2.3 Other hazards None.

2.4 Additional Information None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

29 CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Water	60-90	7732-18-5
Sodium lauryl sulphate	10-30	151-21-3
Lauramine oxide	3-10	70592-80-2
Caprylyl/myristyl glucoside	3-10	110615-47-9
Glycerine	3-10	7098-80-8
Fragrance (Palm Leaf Mist)	<1	N/A
Citric acid	<1	77-92-9
1,2-benzisothiazolin-3-one, 2-methyl-4-isothiazolin-3-one	<1	2682-20-4, 2634-33-5
Magnesium chloride	<1	7786-30-3
Sodium chloride	<1	7440-23-5
Guar hydroxypropyltrimonium chloride	<1	65497-29-2
Aloe Vera	<1	8001-97-6

3.2 Additional Information None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

N/A

Skin Contact

Rinse with plenty of water. If skin irritation occurs: get medical advice/attention.

Eye Contact

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: get medical advice/attention.

Ingestion

Drink plenty of water. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Water spray, foam, dry powder or CO2.

Unsuitable Extinguishing Media

None known.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Household Handling	Small spills and leaks may be cleaned up and disposed of in household trash or diluted and disposed of down drain.
Industrial Handling	Stop spill at source and contain material. Adsorb spillages onto sand, earth or any suitable adsorbent material. Dispose of liquid and adsorbent material in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to a sewer.
6.4 Reference to other sections	See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.

7.1 Precautions for safe handling	
Household Handling	Use as directed on product label. Wash hands and exposed skin after use. Do not eat, drink or smoke when using this product.
Industrial Handling	Wear suitable personal protective equipment. Wash hands and exposed skin after use.
7.2 Conditions for safe storage, including any incompatibilities	KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container in a cool, dry location and keep container closed after use.
Storage Temperature	Ambient.
Storage Life	Stable under normal conditions.
Incompatible materials	None know.
7.3 Specific end use(s)	Dish soap.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
8.1.1 Occupational Exposure Limits	Not established.
8.1.2 Biological limit value	Not established.
8.1.3 PNECs and DNELs	Not established.
8.2 Exposure controls	
8.2.1 Appropriate engineering controls	Provide adequate ventilation.
8.2.2 Personal protection equipment	
Household Handling	No special precautions necessary as long as product is used as directed.
Industrial Handling	
Eye/face protection	Wear protective eye glasses for protection against liquid splashes or solid spills.
Skin protection (Hand protection/ Other)	Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).
Respiratory protection	Normally no personal respiratory protection is necessary.
Thermal hazards	Not applicable.
8.2.3 Environmental Exposure Controls	Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Clear, viscous gel/liquid.
Color	Colorless to slightly yellow.
Odor	Fragranced
pH (1% solution)	8.5-9.0
Solubility	Soluble in water.
9.2 Other information	None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4	Conditions to avoid	No conditions to avoid known.
10.5	Incompatible materials	Strong oxidizers or reducing agents, strong acids or strong bases.
10.6	Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Ingredient(s)	CAS No.	Oral LD 50 (Rat)	Dermal LD 50 (Mouse)	Inhalation LC 50 (Rat)
Sodium lauryl sulphate	151-21-3	1200 mg/kg	>2000 mg/kg	Not listed
Caprylyl/myristyl glucoside	110615-47-9	>2000 mg/kg	>2000 mg/kg	Not listed
Citric acid	77-92-9	6730 mg/kg	Not listed	Not listed
1,2-benzisothiazolin-3-one, 2-methyl-4-isothiazolin-3-one	2682-20-4, 2634-33-5	>2500 mg/kg	>2000 mg/kg	5.71 mg/L
Magnesium chloride	7786-30-3	8100 mg/kg	>2000 mg/kg (Rabbit)	Not listed
Aloe vera	8001-97-6	>5000 mg/kg	Not listed	Not listed
Fragrance (Palm Leaf Mist)	N/A	>2000 mg/kg	Not listed	Not listed

Acute toxicity	None anticipated.
Irritation	Causes eye irritation.
Corrosivity	None anticipated.
Sensitisation	None anticipated.
Repeated dose toxicity	None anticipated.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ingredient(s)	CAS No.	Fish LC 50 (96h)	Daphnea EC 50 (48h)
Lauramine Oxide	70592-80-2	1.26 mg/L	2.4 mg/L
Caprylyl/myristyl glucoside	110615-47-9	10-100 mg/L (L. macrochius)	Not listed

12.2 Persistence and degradability	No information available.
12.3 Bioaccumulative potential	No information available.
12.4 Mobility in soil	No information available.
12.5 Results of PBT and VPVB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.
13.2 Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not regulated for transport in accordance with US DOT Regulations.

14.1	UN number	Not applicable.
14.2	UN Proper Shipping Name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing Group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.2	GHS	Created in accordance with the CPSC's implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

16. SECTION 16: OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Grove Collaborative gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Grove Collaborative accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Power Clean Laundry Detergent Sheets – Palm Leaf Mist

MATERIAL SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1	Product identifier Product Name CAS No.	Power Clean Laundry Detergent Sheets – Palm Leaf Mist Mixture.
1.2	Relevant identified uses of the substance or mixture and uses advised against Identified use(s) Uses advised against	Detergent sheets for in-home laundry use. None known.
1.3	Details of the supplier of the product Company Identification Telephone	Grove Collaborative 1301 Sansome Street San Francisco, CA 94111 (844) 476-8375
1.4	Emergency telephone number	(844) 476-8375 [8am-5pm M-F (UTC -7)]

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1	Classification of the substance or mixture GHS 29 CFR 1910.1200	Skin Corrosion/Irritation – Category 3
2.2	Label elements Hazard pictogram(s) Signal word(s) Hazard statement(s) Precautionary statement(s)	None None H316 – Causes mild skin irritation IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: get medical advice/attention. IF SWALLOWED: Drink plenty of water. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell. IF ON SKIN: Rinse with plenty of water. If skin irritation occurs: get medical advice/attention.

IF INHALED: N/A

2.3 Other hazards None.

2.4 Additional Information None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

29 CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Polyvinyl alcohol	20-40	9002-89-5
Sodium dodecyl sulfate	20-40	151-21-3
Water	6-10	7732-18-5
Alkyl polyglucoside	2-5	141464-42-8
PEG-7 glyceryl cocoate	2-5	68201-46-7
Fatty acids, coco, esters with polyethylene glycol mono-Me ether	2-5	77846-79-8
Glycerine	2-5	56-81-5
Cocamidopropyl betaine	2-5	61789-40-0
Trisodium citrate	2-5	68-04-2
Sunflower seed oil	1-2	8001-21-6
Saponins	1-2	8047-15-2
2-Phenoxyethanol	0.1-1	122-99-6
Sodium carbonate	0.1-1	497-19-8
Fragrance (Palm Leaf Mist)	0.1-1	N/A

3.2 Additional Information None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation N/A
Skin Contact Rinse with plenty of water. If skin irritation occurs: get medical advice/attention.
Eye Contact Rinse with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: get medical advice/attention.
Ingestion Drink plenty of water. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media Water spray, foam, dry powder or CO₂.
Unsuitable Extinguishing Media None known.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Household Handling

Industrial Handling

Small spills and leaks may be cleaned up and disposed of in household trash or diluted and disposed of down drain.

Stop spill at source and contain material. Adsorb spillages onto sand, earth or any suitable adsorbent material. Dispose of liquid and adsorbent material in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to a sewer.

6.4 Reference to other sections

See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.

7.1 Precautions for safe handling

Household Handling

Use as directed on product label. Wash hands and exposed skin after use. Do not eat, drink or smoke when using this product.

Industrial Handling

Wear suitable personal protective equipment. Wash hands and exposed skin after use.

7.2 Conditions for safe storage, including any incompatibilities

Storage Temperature

Storage Life

Incompatible materials

KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container in a cool, dry location and keep container closed after use.

Ambient.

Stable under normal conditions.

None know.

7.3 Specific end use(s)

Laundry detergent sheet for in-home use with non-commercial laundry machine.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Not established.

8.1.2 Biological limit value

Not established.

8.1.3 PNECs and DNELs

Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 Personal protection equipment

Household Handling

No special precautions necessary as long as product is used as directed.

Industrial Handling

Eye/face protection

Wear protective eye glasses for protection against liquid splashes or solid spills.

Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).

Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Laundry Sheet.

Color

White/off-white.

Odor

Fragranced

pH

N/A

Solubility Soluble in water.
9.2 Other information None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity Stable under normal conditions.
10.2 Chemical stability Stable under normal conditions.
10.3 Possibility of hazardous reactions No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid No conditions to avoid known.
10.5 Incompatible materials Strong oxidizers or reducing agents, strong acids or strong bases.
10.6 Hazardous Decomposition Product(s) No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Ingredient(s)	CAS No.	Oral LD 50 (Rat)	Dermal LD 50 (Mouse)	Inhalation LC 50 (Rat)
Cocamidopropyl betaine	61789-40-0	> 5,000 mg/kg	Not listed	Not listed
2-Phenoxyethanol	122-99-6	> 500 mg/kg; < 5,000 mg/kg	Not listed	Not listed
Sodium carbonate	497-19-8	4,090 mg/kg	2,210 .mg/kg	2,300 mg/kg
Fragrance (Palm Leaf Mist)	N/A	> 2,000 mg/kg	Not listed	Not listed

Acute toxicity None anticipated.
Irritation Causes mild skin irritation.
Corrosivity None anticipated.
Sensitisation None anticipated.
Repeated dose toxicity None anticipated.
11.2 Other information None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ingredient(s)	CAS No.	Fish LC 50 (96h)	Daphnea EC 50 (48h)
Fatty acids, coco, esters with polyethylene glycol mono-Me ether	77846-79-8	510 mg/L (Pimephelas promelas)	Not listed
Sodium carbonate	497-19-8	300 mg/L (L. macrochius)	265 mg/L

12.2 Persistence and degradability No information available.
12.3 Bioaccumulative potential No information available.
12.4 Mobility in soil No information available.
12.5 Results of PBT and VPVB assessment Not classified as PBT or vPvB.
12.6 Other adverse effects None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.
13.2 Additional Information Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not regulated for transport in accordance with US DOT Regulations.

14.1	UN number	Not applicable.
14.2	UN Proper Shipping Name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing Group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.2	GHS	Created in accordance with the CPSC's implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

16. SECTION 16: OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Grove Collaborative gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Grove Collaborative accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

SAFETY DATA SHEET



Revision date 02-Dec-2022

Revision Number 1

1. Identification

Product identifier

Product Name Candle Palm Leaf Mist

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Consumer use

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Address

Grove Collaborative.
1301 Sansome St..
San Francisco, CA 94111
Telephone: 1-844-476-8375

Emergency telephone number

Emergency Telephone No information available

2. Hazard(s) identification

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Hazard statements

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance No information available **Physical state** No information available **Odor** No information available

Other information

No information available.

3. Composition/information on ingredients**Substance**

Not applicable.

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health

4. First-aid measures**Description of first aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Personal precautions Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state No information available
Appearance No information available
Color No information available
Odor No information available

Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
<u>Other information</u>		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening point	No information available	
Molecular weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk density	No information available	

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused products	Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.
Contaminated packaging	Do not reuse empty containers.

14. Transport information

DOT Not regulated

15. Regulatory information**International Inventories**

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AIIC	Contact supplier for inventory compliance status.
NZIoC	Contact supplier for inventory compliance status.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 0	Flammability 0	Instability 0	Special hazards -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- EPA (Environmental Protection Agency)
- Acute Exposure Guideline Level(s) (AEGl(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- National Institute of Technology and Evaluation (NITE)
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
- NIOSH (National Institute for Occupational Safety and Health)
- National Library of Medicine's ChemID Plus (NLM CIP)
- National Library of Medicine's PubMed database (NLM PUBMED)
- National Toxicology Program (NTP)
- New Zealand's Chemical Classification and Information Database (CCID)
- Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
- Organization for Economic Co-operation and Development High Production Volume Chemicals Program
- Organization for Economic Co-operation and Development Screening Information Data Set
- World Health Organization

Revision date 02-Dec-2022
Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Safety Data Sheet

OSHA 29 CFR 1910.1200

Version No.: 1.0 Printing Date: March 16, 2021 Page 1/1

SDS REPORT

GUANGZHOU JOYSON CLEANING PRODUCTS CO., LTD
Building i-1, No.100, Beilong Road, Dagang Town, Nansha District, Guangzhou.

SDS Report No. : SDS202103021
Compilation Date : March 16, 2021
Sample Name : Hand Soap Sheet
Composition/Ingredient of The Sample : See Section 3 on the SDS
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the SDS are prepared in according with US Regulations Relating to Labor 29 CFR 1910.1200(g), and is provided per attached.

Signed for and on behalf of
FOCO Technical Center:



Johnny Zhang

Johnny Zhang
Technical director

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

1 Identification

- **Product identifier**

- **Trade name:** Hand Soap Sheet

- **Recommended use of the chemical and restrictions on use**

- **Application of the substance/ mixture:** Wash hands.

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

GUANGZHOU JOYSON CLEANING PRODUCTS CO., LTD

Building i-1, No.100, Beilong Road, Dagang Town, Nansha District, Guangzhou

Tel: +86 018930068728

Email: zhongjj@xs-clean.com

- **Other US contact point:**

Grove Collaborative

1301 Sansome Street San Francisco, CA 94111

Emily Doyle

Tel: 203-209-5755

Email: edoyle@grove.co

- **Further information obtainable from:** GUANGZHOU JOYSON CLEANING PRODUCTS CO., LTD

- **Emergency telephone number**

US Poison Center

Tel: + 1 800 222 1222 (24 hours available)

2 Hazard(s) identification

- **Classification of the substance or mixture:**

Sensitization-skin	Category 1	May cause an allergic skin reaction
--------------------	------------	-------------------------------------

Serious eye damage/eye irritation	Category 2A	Causes serious eye irritation
-----------------------------------	-------------	-------------------------------

- **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

- **Label elements**

- **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

- **Hazard pictograms:**



- **Signal word:** Warning

- **Hazard-determining components of labeling:** Cocamidopropyl betaine

- **Hazard statements:**

Causes serious eye irritation

- **Precautionary statement:**

If medical advice is needed, have product container or label at hand.

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet*Keep out of reach of children.**Read label before use.**Avoid breathing dust.**Wash hands and face thoroughly after handling.**Contaminated work clothing must not be allowed out of the workplace.**Wear protective gloves/ eye protection/ face protection.**If on skin: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.**If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**If eye irritation persists: Get medical advice/attention.**Specific treatments see the first aid measures on this label.**Wash contaminated clothing before reuse.**Dispose of contents/container in accordance with local regulations.*

- **Hazards not otherwise classified (HNOC):** No otherwise classified hazards.

3 Composition/information on ingredients

- **Chemical characterization:** Mixture

- **Description:** The mixture of substances listed below with nonhazardous additions.

- **Components:**

CAS No.	Composition Name	w/w, %
9002-89-5	Polyvinyl alcohol	35.5
7381-01-3	Sodium lauroyl isethionate	17.8
7732-18-5	Water	8.9
1332-58-7	Kaolin	8.9
29923-31-7	Sodium lauroyl glutamate	8
9005-25-8	Oryza sativa (rice) starch	5.9
56-81-5	Glycerin	2.9
61789-40-0	Cocamidopropyl betaine	2.9
7631-86-9	Silica	2.9
8001-21-6	Helianthus annuus	2.9
544-63-8	Myristic acid	1.5
1310-73-2	Sodium hydroxide	0.7
122-99-6	Phenoxyethanol	0.6
-	Fragrance	0.4
97-59-6	Allantoin	0.2

4 First aid measures

- **Description of first aid measures**

After inhalation: Supple with fresh air. Consult doctor if you feel unwell.

After skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet

rinsing. If eye irritation persists: Get medical advice/attention.

After swallowing: Wash mouth. Get medical attention if you feel unwell.

• **Information for doctor**

• **Most important symptoms and effects, both acute and delayed:** May cause an allergic skin reaction; Causes serious eye irritation.

• **Indication of any immediate medical attention and special treatment needed:** Treat according to symptom, there is not known specific medicine.

5 Fire-fighting measures

• **Suitable extinguishing agents:** Not flammable solid; use the suitable extinguishing agent surrounding condition.

• **Special hazards arising from the substance or mixture:** May produce irritant / allergic dust.

• **Special protective equipment and precaution for firefighters**

• **Protective equipment:** Wear fully protective suit and mouth respiratory protective device.

6 Accidental release measures

• **Personal precautions, protective equipment and emergency procedures:**

Cut off the leakage source, and collect spillage timely if safe do it; Ensure adequate ventilation; Wear protective gloves/ eye protection/ face protection; Avoid contact with eyes and skin.

• **Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water; Inform respective authorities in case of seepage into water course or sewages system.

• **Methods and material for containment and cleaning up:**

Pick up mechanically with gloves; Ensure good ventilation; Dispose contaminated material as waster according to item 13.

7 Handling and storage

• **Handling**

• **Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace; Wear protective gloves/ eye protection/ face protection; Avoid contact with eyes and skin.

• **Information about fire and explosion protection:** Normal measures for preventive fire protection.

• **Conditions for safe storage, including any incompatibilities**

• **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilation place.

• **Information about storage in one common storage facility:** Keep out of reach of children.

• **Further information about storage conditions:** Store locked up.

8 Exposure controls/personal protection

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet

• Components with limit values that require monitoring at the workplace:

CAS No.	Composition Name	Limit value
1332-58-7	Kaolin	OSHA PEL: 15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) 8-hour TWA; NIOSH REL: 10 mg/m ³ (total), 5 mg/m ³ (resp) 10-hour TWA; ACGIH TLV: 2 mg/m ³ (respirable particulate matter) 8-hour TWA; Cal/OSHA PEL: 2 mg/m ³ (respirable dust) 8-hour TWA
9005-25-8	Oryza sativa (rice) starch	OSHA PEL: 15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) 8-hour TWA; NIOSH REL: 10 mg/m ³ (total), 5 mg/m ³ (resp) Up to 10-hour TWA; ACGIH TLV: 10 mg/m ³ 8-hour TWA; Cal/OSHA PEL: 10 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) 8-hour TWA
56-81-5	Glycerin	OSHA PEL: 15 mg/m ³ (total dust), 5 mg/m ³ (respirable)8-hour TWA; Cal/OSHA PEL: 10 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) 8-hour TWA
7631-86-9	Silica	OSHA PEL: 20 mppcf or (80 mg/m ³)/(%SiO ₂) 8-hour TWA; NIOSH REL: 6 mg/m ³ Up to 10-hour TWA; Cal/OSHA PEL: 6 mg/m ³ (total dust), 3 mg/m ³ (respirable dust), 6 mg/m ³ (precipitated and gel) 8-hour TWA
1310-73-2	Sodium hydroxide	OSHA PEL: 2 mg/m ³ 8-hour TWA; NIOSH REL: 2 mg/m ³ Up to 10-hour ceiling; ACGIH TLV: 2mg/m ³ 8-hour ceiling; IDLH: 10 mg/m ³ ppm; Cal/OSHA PEL: 2mg/m ³ 8-hour ceiling;

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face after handling; Contaminated work clothing must not be allowed out of the workplace; Wash contaminated clothing before reuse; See section 7 for information about design of technical facilities.

• **Personal protective equipment:**

• **Breathing equipment:** Suitable respiratory protective device must be used.

• **Protection of hands:**



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11 mm; breakthrough times up to 480 minutes).

• **Eye protection:**



Protective goggles with side-shields.

• **Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance:

Form	Solid
Color	White
Odor	Characteristic odor
Odor threshold	Not determined.
· pH-value	<13 saturated aqueous solution at 20 °C
· Change in condition	
Melting point/melting range	Not determined.
Boiling point and boiling range	Not determined.
· Freezing point	Not determined.
· Flash point	Not applicable.
· Flammability(solid, gas)	Not flammable solid
· Decomposition temperature	Not determined.
· Self-ignition	Product is not self-ignition.
· Danger of explosion	Product does not present explosive hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Oxidizing properties	Not oxidizing agent
· Vapor pressure	Not determined.
· Density	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in/Miscibility with	
Water	Soluble in water
· Partition coefficient (n-octanol/water)	Not determined.
· Viscosity	
Dynamic	Not applicable
Kinematic	Not applicable
· Other information	Not determined.

10 Stability and reactivity

- **Reactivity:** No decomposition if used according to specification.
- **Chemical stability:** Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** No known hazardous reaction.

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet

- **Conditions to avoid:** High temperature.
- **Incompatible materials:** Strong acid and strong oxidizing agent.
- **Hazardous decomposition products:** No known hazardous decomposition products.

11 Toxicological information

- **Acute toxicity:** Not acute toxic mixture.

LD50/LC50 values that is relevant for classification:

9002-89-5 Polyvinyl alcohol

Rat	LD50-oral	23854mg/kg
-----	-----------	------------

Mouse	LD50-oral	14700mg/kg
-------	-----------	------------

29923-31-7 Sodium lauroyl glutamate

Mouse	LD50-oral	5500mg/kg
-------	-----------	-----------

56-81-5 Glycerin

Rat	LD50-oral	12600mg/kg
-----	-----------	------------

Mouse	LD50-oral	4090mg/kg
-------	-----------	-----------

Rabbit	LD50-oral	27000mg/kg
--------	-----------	------------

	LD50-skin	>10000mg/kg
--	-----------	-------------

Remark: All the above data are from literature.

- **Primary irritant effect**
- **Skin corrosion/irritation:** Not irritant to skin.
- **Serious eyes damage/ irritation:** Irritant to eyes.
- **Sensitization:** Sensitive to skin.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Allergic, irritant.

- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer):**

9002-89-5	Polyvinyl alcohol	3
-----------	-------------------	---

7631-86-9	Silica	3
-----------	--------	---

- **NTP (National Toxicology Program):** None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**

LC50/EC50/NOEC values that is relevant for classification:

56-81-5 Glycerin

Short-term toxicity to fish	LC50 (4 days) 54 g/L
-----------------------------	----------------------

Short-term toxicity to aquatic invertebrates	EC50 (24 h) 10 g/L
----------------------------------------------	--------------------

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet

• Persistence and degradability:

56-81-5	Glycerin	Readily biodegradable in water
---------	----------	--------------------------------

• Bio-accumulative potential:

56-81-5	Glycerin	Log Pow= -1.75 at 25 °C and pH 7.4
---------	----------	------------------------------------

• Mobility in soil: No available data.

• Additional ecological information
• Other adverse effects: No known other adverse effects.

13 Disposal consideration

• Waste treatment methods
• Recommendation: Small quantities can be disposed together with household garbage; Large quantities disposed must be in according to the local regulation.

• Un-cleaned packaging
• Recommendation: Dispose of contents/container in according to the local regulation.

14 Transport information

• UN-Number

DOT, IMDG, IATA

Not regulated as dangerous goods, not applicable

• UN proper shipping name

DOT, IMDG, IATA

Void

• Transport hazard class (es)

DOT, IMDG, IATA

Class

Void

Label

Void

• Packing group

DOT, IMDG, IATA

Void

• Environmental hazardous

Marine pollution

No

• Special precautions for user

Void

• Danger code (Kemler)

Void

• EMS number

Void

• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Void

• UN "Model Regulation"

Void

15 Regulatory information

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet

• **Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **Sara**

• **Section 355 (extremely hazardous substances):** None of the ingredients is listed.

• **Section 313 (Specific toxic chemical listings):**

1310-73-2	Sodium hydroxide
-----------	------------------

• **TSCA (Toxic Substances Control Act):**

9002-89-5	Polyvinyl alcohol
-----------	-------------------

7381-01-3	Sodium lauroyl isethionate
-----------	----------------------------

7732-18-5	Water
-----------	-------

1332-58-7	Kaolin
-----------	--------

29923-31-7	Sodium lauroyl glutamate
------------	--------------------------

9005-25-8	Oryza sativa (rice) starch
-----------	----------------------------

56-81-5	Glycerin
---------	----------

61789-40-0	Cocamidopropyl betaine
------------	------------------------

7631-86-9	Silica
-----------	--------

8001-21-6	Helianthus annuus
-----------	-------------------

544-63-8	Myristic acid
----------	---------------

1310-73-2	Sodium hydroxide
-----------	------------------

122-99-6	Phenoxyethanol
----------	----------------

97-59-6	Allantoin
---------	-----------

• **Proposition 65**

• **Chemicals known to cause cancer:** None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:** None of the ingredients is listed.

• **Washington, WAC 173-334-130 (CHCC):** None of the ingredients is listed.

• **Chemicals of Concern, published by Maine DEP on July, 2015:** None of the ingredients is listed.

• **Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:** None of the ingredients is listed.

• **High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:** None of the ingredients is listed.

• **Carcinogenicity categories**

• **EPA (Environmental Protection Agency):** None of the ingredients is listed.

• **TLV (Threshold Limit Value established by ACGIH):**

1332-58-7	Kaolin	A4
-----------	--------	----

9005-25-8	Oryza sativa (rice) starch	4A
-----------	----------------------------	----

• **NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients is listed.

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: March 16, 2021

Version No.: 1.0

Revision: March 16, 2021

Trade Name: Hand Soap Sheet

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

NOEC: No observed effect concentration

EC50: Concentration of maximal effect, 50 percent

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of safety data sheet