

1. Product and Company Identification

Product name HandsFresh® Lotion Spray Soap - 03475
CAS # Mixture
Product use Hand cleaner
Manufacturer information NWL Netherlands Services BV
 Newell Rubbermaid
 Amperestraat 12
 2181HB Hillegom, Netherlands
 Phone + 31 (0) 252 623 294
Supplier Kruger Products L.P.
 200-1900 Minnesota Court
 Mississauga, Ontario L5N 5R5 Canada
 Emergency Phone: 1-800-328-0026
 Fax: 905-812-6910
 Phone: 905-812-6900

2. Hazards Identification

Emergency overview CAUTION
 MAY IRRITATE EYES.
 KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects
Routes of exposure Eye, Skin contact, Inhalation, Ingestion.
Eyes May cause irritation.
Skin May cause irritation.
Inhalation May cause respiratory tract irritation.
Ingestion May cause stomach distress, nausea or vomiting.

Target organs Eyes.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

OSHA regulatory status This cosmetic product is in compliance with Title 21 of the Code of Federal Regulations, Part 701 and 740.

Potential environmental effects See section 12.

3. Composition/Information on Ingredients

Components	CAS #	Percent
Sodium Laureth Sulfate	68891-38-3	7 - 13
PEG-200 Hydrogenated Glyceryl Palmate	67784-88-7	1 - 5
PEG-30 GLYCERYL COCOATE	68201-46-7	1 - 5
Sodium chloride	7647-14-5	1 - 5

Composition comments Not applicable to notified cosmetics. Refer to product label for ingredient content.

4. First Aid Measures

First aid procedures
Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin contact In case of skin irritation, discontinue use of product.
Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion	In case of accidental ingestion, seek professional assistance or contact a Poison Control Center immediately.
Notes to physician	Symptoms may be delayed.
General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Not flammable by WHMIS/OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical. Carbon dioxide.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available.
Sensitivity to static discharge	Not available.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

Handling	Use according to package label instructions. For external use only. DO NOT get in eyes. Do not ingest. Use good industrial hygiene practices in handling this material.
Storage	Keep out of reach of children. Store in a cool, dry, well-ventilated place away from incompatible materials. Protect from freezing. Avoid excessive heat. Store at room temperature in the original container.

8. Exposure Controls/Personal Protection

Exposure limits	Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.
Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye / face protection	Not normally required when used as directed.
Hand protection	Not applicable. In case of skin irritation, discontinue use of product.

Skin and body protection	As required by employer code.
Respiratory protection	Not normally required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance	Liquid
Color	Pink
Form	aqueous solution
Odor	pleasant
Odor threshold	Not available.
Physical state	Liquid.
pH	5.5 - 6.5 (100%)
Freezing point	Not available.
Boiling point	> 212 °F (> 100 °C)
Pour point	Not available.
Evaporation rate	Not available
Flash point	Not applicable
Auto-ignition temperature	Not available
Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	1.025 - 1.035 (Water = 1)
Partition coefficient (n-octanol/water)	Not available.
Solubility (water)	Complete
Relative density	Not available.
Viscosity	Not available.
VOC	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	This product may react with oxidizing agents. This product may react with acids.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Caustics. Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Toxicological data

Components	Species	Test Results
PEG-200 Hydrogenated Glyceryl Palmate (CAS 67784-88-7)		
LC50		
		Not available.
LD50		
		Not available.

Components	Species	Test Results
PEG-30 GLYCERYL COCOATE (CAS 68201-46-7)		
LC50		
Not available.		
LD50		
Not available.		
Sodium chloride (CAS 7647-14-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	10000.1 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 21000 mg/m3
<i>Oral</i>		
LD50	Mouse	4000 mg/kg
	Rat	3000 mg/kg
Sodium Laureth Sulfate (CAS 68891-38-3)		
Acute		
<i>Inhalation</i>		
LC50	Rat	94869 mg/l/4h
<i>Oral</i>		
LD50	Rat	1967 mg/kg

Effects of acute exposure

Eye contact	May cause irritation.
Skin contact	May cause irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitization	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.
Carcinogenicity	The finished product is not expected to have chronic health effects.
Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Name of Toxicologically Synergistic Products	Not available.

12. Ecological Information

Ecotoxicity	See below		
Ecotoxicological data			
Components		Species	Test Results
Sodium chloride (CAS 7647-14-5)			
Aquatic			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
		Water flea (Daphnia magna)	340.7 - 469.2 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4747 - 7824 mg/l, 96 hours
Persistence and degradability	Not available.		
Bioaccumulation / Accumulation	Not available		
Mobility in environmental media	Not available.		

Environmental effects	Not available.
Aquatic toxicity	Not available.
Chemical fate information	Not available.

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada Priority Substances List (Second List): Listed substance

Sodium chloride (CAS 7647-14-5) Listed.

WHMIS classification Exempt - Notified cosmetic under the Food & Drugs Act

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

US federal regulations This cosmetic product is in compliance with Title 21 of the Code of Federal Regulations, Part 701 and 740.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US - Texas Effects Screening Levels: Listed substance

Sodium chloride (CAS 7647-14-5) Listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

US. Rhode Island RTK

Not regulated.

Inventory status

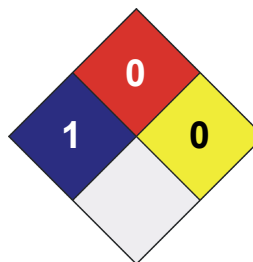
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Prepared by

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Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.