

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name: Water Emulsion Silicone

Product Code: 148854, 148855. 162752

Product Type: Bulk

Product Use:

Manufacturer: IMS Company

Emergency Phone

800-424-9300

Address: 10373 Stafford Road
Chagrin Falls, OH 44023-5296

Prepared by

Product Safety Advisor

Prepared/Revised

August 14, 2013

NOTE: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. IMS provides this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. IMS provides this information as guidance for providing personal protection to your employees.

2. Composition / Information on Ingredients

Ingredients	CAS #	Percent
Octamethylcyclotetrasiloxane	556-67-2	1-5%
Triethanolamine Dodecylbenzene Sulfaonate	27323-41-7	3-7%
Polyozethylated tridecyl alcohol	24938-91-8	1-5%
Triethanolamine sulfate	20261-61-4	<1%
2-Methyl-4 isothiazolim-3-one	2682-20-4	<1%
5-chloro-2-methyl-4-isothiazonlim-3-one	26172-55-4	<1%

3. Hazards Identification

Odor/Appearance: White

Potential health effects

Eye Contact:

Can cause eye mild irritation.

Skin Contact:

May cause mild skin irritation.

Inhalation:

Irritates respiratory passages very slightly.

Ingestion:

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Symptom:

Signs and symptoms of exposure of this material through breathing, swallowing, and/or passage of this material through the skin may include: stomach, or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways).

4. First Aid Measures

Eye Contact:

Flush with warm water for 15 minutes. Seek medical attention.

Skin Contact:

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

Inhalation:

Remove exposed individual to fresh air, protecting yourself. If breathing is difficult, administer oxygen and seek medical help.

Ingestion:

If irritation or discomfort occur, obtain medical advice.

5. Fire Fighting Measures

Flash Point > 214°F

Suitable extinguishing media

Water spray, Dry chemical, Carbon dioxide (CO2)

Hazardous combustion products

No data

Precautions for fire-fighting

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

6. Accidental Release Measures

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Other information

Comply with all applicable federal, state, and local regulations.

7. Handling and Storage

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Store in a cool, dry, ventilated area.

8. Exposure Controls / Personal Protection

Ingredient	CAS Number	
Triethanolamine dodecylbenzene sulfaonate	27323-41-7	ACGIH TLV/TWA 5 mg/m ³
Octamethylcyclotetrasiloxane	56-67-2	Supplier TWA 10 ppm

Protective Equipment:

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

Engineering Controls:

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

Respiratory Protection:

Respiratory protection is not required under normal conditions of use.

Other Suggested Equipment:

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

Discretion Advised:

DOT description:
Non-regulated by DOT.

15. Regulatory Information

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355):
None.

Section 304 CERCLA Hazardous Substances (40 CFR 302):

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
27323-41-7	3.3	Triethanolamine dodecylbenzene sulfonate
111-42-2	0.02	Diethanolamine

Section 311/312 Hazard Class (40 CFR 370):

Acute: Yes
Chronic: Yes
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):

None present or none present in regulated quantities.

Note: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

Massachusetts

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
27323-41-7	3.0 - 7.0	Triethanolamine dodecylbenzene sulfonate

New Jersey

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
7732-18-5	40.0 - 70.0	Water
70131-67-8	30.0 - 60.0	Dimethyl siloxane, hydroxy-terminated
27323-41-7	3.0 - 7.0	Triethanolamine dodecylbenzene sulfonate
556-67-2	1.0 - 5.0	Octamethylcyclotetrasiloxane
24938-91-8	1.0 - 5.0	Polyoxyethylated tridecyl alcohol
541-02-6	1.0 - 5.0	Decamethylcyclopentasiloxane

Pennsylvania

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
7732-18-5	40.0 - 70.0	Water
70131-67-8	30.0 - 60.0	Dimethyl siloxane, hydroxy-terminated
27323-41-7	3.0 - 7.0	Triethanolamine dodecylbenzene sulfonate

16. Other Information

Hazard ratings This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

NFPA: Health,2 flammability 1, Reactivity 0

HMIS: Health 2 Flammability: 1 Reactivity: 0

RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

Note:

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. IMS makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an MSDS does not indicate that the possessor of the MSDS was a purchaser or user of the subject product.