

SAFETY DATA SHEET

1. Identification

Product identifier: SM2162

Other means of identification

Synonyms: Aqueous Emulsion of Dimethylsiloxane

Recommended use and restriction on use

Recommended use: Mixture

Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information : Momentive Performance Materials LLC
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Waterford NY 12188

Contact person : commercial.services@momentive.com

Telephone : General information
+1-800-295-2392

Emergency telephone number
Supplier : CHEMTREC
1-800-424-9300

2. Hazard(s) identification

Hazard Classification

Health Hazards

Serious Eye Damage/Eye Irritation Category 2A

Label Elements

Hazard Symbol:



Signal Word: Warning

Hazard Statement: Causes serious eye irritation.

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Target Organs

No data available.

Precautionary Statement
Prevention: Wear eye protection/face protection. Wash hands thoroughly after handling.

Response: 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.

Storage: not applicable

Disposal: not applicable

Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients
Mixtures

Chemical Identity	CAS number	Content in percent (%)*
ALKYLPHENOETHOXYLATE	9036-19-5	1 - 5%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures
Ingestion: Do NOT induce vomiting. If victim is conscious, give 2-4 glasses of water. Do not give victim anything to drink if he is unconscious. Get medical attention.

Inhalation: Move to fresh air. Get medical attention if symptoms persist.

Skin Contact: Wash area with soap and water. Get medical attention if symptoms occur.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Most important symptoms/effects, acute and delayed
Symptoms: No data available.

Indication of immediate medical attention and special treatment needed
Treatment: Treatment is symptomatic and supportive.

5. Fire-fighting measures

General Fire Hazards: No data available.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: No data available.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Avoid contact with eyes. Keep out of reach of children. Do not freeze. Stir well before using. Attention: Not for injection into humans.

Methods and material for containment and cleaning up: Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

7. Handling and storage

Precautions for safe handling: Sensitivity to static discharge is not expected. NOTICE: STIR WELL BEFORE USING. KEEP FROM FREEZING.

Conditions for safe storage, including any incompatibilities: RECOMMENDED STORAGE BETWEEN 35F (2C) AND 80F(26 C). Store in original container. Keep container closed.

8. Exposure controls/personal protection

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Control Parameters

Occupational Exposure Limits

Chemical Identity	type	Exposure Limit Values	Source
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None of the components have assigned exposure limits.

Appropriate Engineering Controls

Eyewash bottle with clean water. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

General information: Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

Eye/face protection: Safety glasses with side shields

Skin Protection

Hand Protection: Chemical resistant gloves

Other: Wear suitable protective clothing and eye/face protection.

Respiratory Protection: If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

Hygiene measures: No data available.

9. Physical and chemical properties

Appearance

Physical state: liquid

Form: liquid

Color: White

Odor: Odorless

Odor threshold: No data available.

pH: No data available.

Melting point/freezing point: ca. 0 °C

Initial boiling point and boiling range: ca. 100 °C

Flash Point: A flashpoint can't be detected up to the boiling point, neither by electro- nor gas ignition.

Evaporation rate: < 1

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Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	> 1.0
Density:	ca. 0.983 g/cm ³
Relative density:	ca. 0.98
Solubility(ies)	
Solubility in water:	Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Stable
Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
Conditions to avoid:	Do not freeze.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	After evaporation of water, combustion will generate: Carbon dioxide Silicon dioxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

11. Toxicological information
Information on likely routes of exposure

Ingestion:	No data available.
Inhalation:	No data available.

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Skin Contact: No data available.

Eye contact: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects**Acute toxicity (list all possible routes of exposure)****Oral**

Product: No data available.

Dermal

Product: Not classified for acute toxicity based on available data.

Inhalation

Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity**In vitro**

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Target Organs

No data available.

Aspiration Hazard

Product: No data available.

Other effects:

No data available.

12. Ecological information**Ecotoxicity:****Acute hazards to the aquatic environment:**

Fish**Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Chronic hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Toxicity to Aquatic Plants****Product:** No data available.**Persistence and Degradability****Biodegradation****Product:** No data available.**BOD/COD Ratio****Product:** No data available.**Bioaccumulative Potential****Bioconcentration Factor (BCF)****Product:** No data available.**Partition Coefficient n-octanol / water (log Kow)****Product:** No data available.**Mobility in Soil:** No data available.**Known or predicted distribution to environmental compartments**

ALKYLPHENOLETHOXYL ATE No data available.

Known or predicted distribution to environmental compartmentsSILOXANES AND SILICONES, DI-ME No data available.
Water No data available.

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Other Adverse Effects: No data available.

13. Disposal considerations

Disposal instructions: Disposal should be made in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of as unused product.

14. Transport information**DOT**

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

Special precautions for user: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. Regulatory information**US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)****Chemical Identity**

Poly(oxy-1,2-ethanediyl) ,
.alpha.-(nonylphenyl) -
.omega.-hydroxy-

Reportable quantity

De minimis concentration: TSCA 5% One-Time Export Notification only.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

<u>Chemical Identity</u>	<u>OSHA hazard(s)</u>
SILOXANES AND SILICONES, DI-ME	No OSHA Hazards
Water	No OSHA Hazards
Poly(oxy-1,2-ethanediyl) , .alpha.-(nonylphenyl) - .omega.-hydroxy-ALKYLPHENOLETHOXY LATE	Causes mild skin irritation.
Octamethylcyclotetrasiloxane	Corrosive to eyes Systemic effects
Decamethylcyclopentasiloxane	Causes mild skin irritation.; Respiratory hazard.
Cyclohexasiloxane	No OSHA Hazards
Dodecamethyl-Magnesium chloride (MgCl ₂)	Highly toxic by ingestion; Toxic by ingestion; Toxic by skin absorption
Nitric acid, magnesium salt	Causes mild skin irritation.; Respiratory hazard.
3(2H) -Isothiazolone, 5-chloro-2-methyl-	Toxic by ingestion; Toxic by skin absorption; Corrosive to eyes; Toxic by inhalation.
3(2H) -Isothiazolone, 2-methyl-	Toxic by ingestion; Corrosive to eyes; Toxic by inhalation.
Nitric acid, copper(2+) salt, trihydrate	Toxic by ingestion

CERCLA Hazardous Substance List (40 CFR 302.4):

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Nitric acid, copper(2+) salt, trihydrate	100 lbs.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Acute Health Hazard
Immediate (Acute) Health Hazards

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Poly(oxy-1,2-ethanediyl) , .alpha.-(nonylphenyl) - .omega.-hydroxy-	
Nitric acid, copper(2+) salt, trihydrate	100 lbs.

SARA 311/312 Hazardous Chemical

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
ALKYLPHENOLETHOXYL ATE	10000 lbs

SARA 313 (TRI Reporting)

<u>Chemical Identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
Poly(oxy-1,2-ethanediyl) , .alpha.-(nonylphenyl) - .omega.-hydroxy-		

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Nitric acid, copper(2+) salt, trihydrate	Reportable quantity: 100 lbs.

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

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

<u>Chemical Identity</u>
Poly(oxy-1,2-ethanediyl) , .alpha.-(nonylphenyl) -.omega.-hydroxy-

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

<u>Chemical Identity</u>
Poly(oxy-1,2-ethanediyl) , .alpha.-(nonylphenyl) -.omega.-hydroxy-

US. Rhode Island RTK

<u>Chemical Identity</u>
Poly(oxy-1,2-ethanediyl) , .alpha.-(nonylphenyl) -.omega.-hydroxy-

Inventory Status:

Australia AICS:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	n (Negative listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: On TSCA Inventory
Taiwan. Taiwan inventory (CSNN):	n (Negative listing)	Remarks: None.

16. Other information, including date of preparation or last revision

HMIS Hazard ID

Health	1
Flammability	1
Physical Hazards	0
PERSONAL PROTECTION	

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

Issue Date: 05/11/2016
Revision Date: No data available.
Version #: 1.4
Further Information: No data available.

Disclaimer:**Notice to reader**

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Further Information

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.

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