

EMERGENCY OVERVIEW

DANGER

Hazard Statements

Causes serious eye damage
Suspected of damaging fertility or the unborn child



Appearance White liquid

Physical State Liquid

Odor None

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: 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. Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Storage

Store at room temperature in the original container. Keep container closed.
Recommended storage is between 35F (2C) to 80F (26C).

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

OTHER INFORMATION

- Harmful to aquatic life

Composition/Information on Ingredients

Substance/ Mixture: Mixture
Chemical Name: Polydimethylsiloxane Emulsion

CHEMICAL NAME	CAS NO	WEIGHT-%	TRADE SECRET
Reverse osmosis water	7732-18-5	>90%	*
Polydimethylsiloxane	63148-62-9	<10%	*
Isotridecanol, branched, ethoxylated	69011-36-5	0.1-0.5%	*
Octamethylcyclotetrasiloxane	556-67-2	0.01-0.1%	*
Bronopol	52-51-7	<0.01%	*
2-octyl-2H-isothiazol-3-one	26530-20-1	<0.01%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

First Aid Measures

General advice	Immediate medical attention may be required.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediate medical attention is required.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Rub greasy ointment into the skin.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms allergic skin reaction. Causes serious eye damage

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Fire-fighting measures

Suitable Extinguishing Media

Use. Carbon dioxide (CO₂). Extinguishing powder. Alcohol resistant foam.
Cool containers with flooding quantities of water until well after fire is out.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

Specific extinguishing methods

No information available.

Hazardous combustion products

Carbon dioxide (CO₂), Carbon monoxide, Nitrogen oxides (NO_x), Formaldehyde.

Protective equipment and precautions for firefighters

Do not allow run-off from firefighting to enter drains or water courses.

Accidental Release Measures

Personal precautions Special danger of slipping by leaking/spilling product. Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapor/spray.
Evacuate personnel to safe areas.

Environmental Precautions See Section 12 for additional Ecological Information.

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 Soak up with inert absorbent material. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.
Use personal protective equipment as required.

Handling and Storage

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapor/spray. Use personal protective equipment as required. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Never use pressure to empty; drum is not a pressure vessel.

Incompatible Products Incompatible with oxidizing agents. Acids. Bases.

Exposure Controls/Personal Protection

Control parameters

Exposure guidelines 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 No special engineering controls are required under normal conditions of use.

Individual protection measures, such as personal protective equipment

Eye/face protection: None required under normal conditions of use.

Skin and body protection: No special protective equipment required.

Respiratory protection: Not applicable.

General hygiene considerations: No special precautions required. As with any product, normal good industrial hygiene practices are recommended.

Optional precautions: Users may choose to wear standard protective eyewear or gloves for comfort or cleanliness, but this is **not required** based on the product's non-hazardous nature.

Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Liquid	Odor	characteristic
Appearance	No information available	Odor threshold	No information available
Color	White		

<u>Property Values</u>	<u>Remarks</u>	<u>Method</u>
pH		No information available
Melting point/freezing point		No information available
Boiling point / boiling range	approx. 100 °C / 212 °F	

Flash Point >	100 °C / > 212 °F	
Evaporation Rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		
<u>Property Values</u>	<u>Remarks</u>	<u>Method</u>
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	@ 20° C
Vapor Density		No information available
Specific gravity	approx. 0.982 g/cm ³ @ 20°C	
Water solubility	100.0 %	@ 20°C
Solubility(ies)		No information available
Partition coefficient		No information available
Autoignition Temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity	No data available	@ 40 °C
Dynamic viscosity	No data available	@ 40 °C
Explosive properties	No information available	
Oxidizing properties	No information available	

Stability and Reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Products

Incompatible with oxidizing agents. Acids. Bases.

Hazardous decomposition products

If this product is heated to > 150 °C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

Toxicological Information

Information on likely routes of exposure

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.

Eye Contact No data available.

Skin contact No data available.

Ingestion No data available.

Information on toxicological effects

Symptoms No information available.

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

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.

Numerical measures of toxicity - Product Information

Acute Toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isotridecanol, branched, ethoxylated 69011-36-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (rabbit)	
Isotridecanol, branched, ethoxylated 69011-36-5	> 300-2000mg/kg (Rat)	> 2000 mg/kg (rabbt)	
Bronopol 52-51-7	Approx. 305 mg/kg (Rat OECD 401)	> 2000 mg/kg (Rat OECD 402)	> 0.588 mg/l (Rat 4 h)
2-octyl-2H-isothiazol-3-one 26530-20-1	= 550 mg/kg (Rat)	= 690 mg/kg (rabbt)	

Ecological Information

Ecotoxicity

Harmful to aquatic life

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Product Information

Acute (short-term) algae toxicity

EC50	No information available
EC0	No information available
IC50	No information available
IC0	No information available
ErC50	No information available
EbC50	No information available

Acute (short-term) fish toxicity

LC50	No information available
LC0	No information available
EC50	No information available
EC0	No information available

Acute (short-term) aquatic invertebrate toxicity

EC50 No information available
 EC0 No information available

Chronic (long-term) algae toxicity

NOEC No information available
 LOEC No information available

Chronic (long-term) fish toxicity

NOEC No information available
 LOEC No information available

Chronic (long-term) aquatic invertebrate toxicity

NOEC No information available
 LOEC No information available

Persistence and degradability**Product Information**

Biodegradation No information available
BOD No information available
ThCO2 No information available
DOC No information available

Chemical name	Biodegradation
Isotridecanol, branched, ethoxylated 69011-36-5	Biodegradation: > 60 % (672h OECD 301B)
Isotridecanol, branched, ethoxylated 69011-36-5	Biodegradation: > 60 % (672h OECD 301B)
Bronopol 52-51-7	Biodegradation: > 70 % (OECD 301B); Biodegradation: 63.5 % (OECD 314)

Bioaccumulation**Product Information**

Bioaccumulation (factor) No information available

Mobility in soil

No information available.

Mobility

No information available.

Chemical Name	Partition Coefficient
Bronopol 52-51-7	0.38
2-octyl-2H-isothiazol-3-one 26530-20-1	2.92

Other adverse effects: No known significant effects or critical hazards.

Disposal Considerations

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Contaminated packages must be completely emptied and can be re-used following proper cleaning. Clean IBCs or drums at approved facility. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

Transport Information

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
IMDG	Not regulated
IATA	Not regulated

Regulatory Information

International Inventories

All of the components in the product are on the following inventory lists: TSCA (United States), Europe (EINECS/ELINCS/NLP).

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

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

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 Regulation

U.S. EPA Label information

EPA Pesticide registration number Not applicable

Other Information

NFPA Health Hazards 1 flammability 1 Instability 0 Physical and chemical properties –

HMIS Health Hazards 1 flammability 1 Physical Hazards 0 Personal Protection X

SLICKER SPRAY RSS0200SS

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

Emergency telephone number

CHEM TEL: 1-800-255-3924 (DOMESTIC)
+01-813-248-0585 (INTERNATIONAL)

Revision note

No information available

Disclaimer

The information provided in this Material 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