

**Material Safety Data Sheet: LUSTER-GUARD**

Supersedes Date 03/06/2002

Issuing Date 04/24/2009

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name** LUSTER-GUARD

**Product Code** 0422

**Recommended Use** Water-borne coatings

**Chemical Nature** Aqueous solution Silicone elastomer (as an emulsion)

**Information on Manufacturer**

**Emergency Telephone Number**

CERTIFIED LABS, DIV. OF NCH CORP.

CHEMTREC® 800-424-9300

BOX 152170

IRVING, TEXAS 75015

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Warning

May cause skin irritation

Causes eye irritation

May cause irritation of respiratory tract

**Color** White

**Physical State** Liquid

**Odor** Fruity

**Potential Health Effects**

**Principle Route of Exposure**

Skin contact, Eye contact.

**Primary Routes of Entry**

None known.

**Acute Effects**

**Eyes**

Causes eye irritation.

**Skin**

May cause skin irritation.

**Inhalation**

May cause irritation of respiratory tract.

**Ingestion**

Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Chronic Effects**

Liver and kidney injuries may occur.

**Target Organ Effects**

Liver, Kidney.

**Aggravated Medical Conditions**

Skin disorders, Respiratory disorders, Liver disorders, Kidney disorders.

**Potential Environmental Effects**

See Section 12 for additional Ecological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS-No
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	60828-78-6
Polydimethylsiloxane	63148-62-9

**4. FIRST AID MEASURES**

**General Advice**

Avoid contact with skin, eyes, and clothing.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact**

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

**Inhalation**

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion**

Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention if symptoms occur.

**Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Flash Point**

> 201°F / > 94°C

**Method**

Seta closed cup

**Autoignition Temperature** No information available.

**Flammability Limits in Air %** Not applicable.

**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Alcohol-resistant foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising from the Chemical**

Material can create slippery conditions.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

**Health**

1

**Flammability**

1

**Instability**

0

**HMIS**

**Health**

1

**Flammability**

1

**Instability**

0

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so

**Methods for Containment**

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up**

Pick up and transfer to properly labeled containers.

**Neutralizing Agent**

Not applicable..

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes, and clothing. Material can create slippery conditions.			
<b>Storage</b>	Store in original container. Keep container tightly closed in a dry and well-ventilated place. Do not freeze.			
<b>Storage Temperature</b>	<b>Minimum</b>	35°F / 2°C	<b>Maximum</b>	120°F / 49°C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b> <b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	No data available	No data available	No data available
Polydimethylsiloxane	No data available	No data available	No data available

## Engineering Measures

Ensure adequate ventilation.

## Personal Protective Equipment

## Eye/Face Protection

Safety glasses with side-shields.

## Skin Protection

For prolonged or repeated contact, use protective gloves.

## Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

## General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid	<b>Viscosity</b>	Non viscous
<b>Color</b>	White	<b>Odor</b>	Fruity
<b>Appearance</b>	Opaque	<b>pH</b>	8.3
<b>Specific Gravity</b>	1.02	<b>Bulk Density</b>	8.5
<b>Evaporation Rate</b>	0.44	<b>Percent Volatile (Volume)</b>	No information available
<b>VOC Content (%)</b>	No information available	<b>VOC Photoreactive (Y/N)</b>	Yes
<b>Vapor Pressure</b>	16.8 mmHg @ 70 °F	<b>Vapor Density</b>	0.6
<b>Solubility</b>	Completely soluble	<b>Boiling Point/Range</b>	210°F / 99°C

## 10. STABILITY AND REACTIVITY

## Chemical Stability

Stable. Hazardous polymerization does not occur.

## Conditions to Avoid

None known..

## Incompatible Products

Strong oxidizing agents.

## Hazardous Decomposition Products

Carbon oxides, formaldehyde.

## Possibility of Hazardous Reactions

None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

## Product Information

No information available.

## Component Information

## Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	7460 µL/kg ( Rat )	8480 µL/kg ( Rabbit )	no data available	no data available	no data available
Polydimethylsiloxane	17 g/kg ( Rat )	2 g/kg ( Rabbit )	no data available	no data available	no data available

## Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	no data available	no data available	no data available	no data available	Bladder, Liver, Kidneys
Polydimethylsiloxane	no data available	no data available	no data available	no data available	no data available

## Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	not applicable	not applicable	not applicable	not applicable	not applicable
Polydimethylsiloxane	not applicable	not applicable	not applicable	not applicable	not applicable

## 12. ECOLOGICAL INFORMATION

## Product Information

No information available.

## Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	no data available	no data available	no data available	no data available	N/A
Polydimethylsiloxane	no data available	no data available	no data available	no data available	N/A

## Persistence and Degradability

No information available.

Bioaccumulation No information available.  
 Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations..  
 Container Disposal Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT Not regulated  
 TDG Not regulated  
 ICAO Not regulated  
 IATA Not regulated  
 IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories  
 TSCA Complies  
 DSL Complies

U.S. Federal Regulations  
 SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372:

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	Not applicable	Not applicable
Polydimethylsiloxane	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class  
 D2B Toxic materials.



16. OTHER INFORMATION

Prepared By Mike McDowell  
 Supersedes Date 03/06/2002  
 Issuing Date 03/24/2009  
 Reason for Revision No information available.  
 Glossary No information available.  
 List of References. No information available.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.