

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name LUSTER-GUARD
Recommended Use Water-borne coatings
Information on Manufacturer
 CERTIFIED LABS, DIV. OF NCH CORP.
 BOX 152170
 IRVING, TEXAS 75015

Product Code 0422
Chemical Nature Aqueous solution Silicone elastomer (as an emulsion)
Emergency Telephone Number
 CHEMTREC® 800-424-9300

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 (CO2). 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

Handling Avoid contact with skin, eyes, and clothing. Material can create slippery conditions.
Storage Store in original container. Keep container tightly closed in a dry and well-ventilated place. Do not freeze.

Storage Temperature	Minimum	35°F / 2°C	Maximum	120°F / 49°C
Storage Conditions	Indoor	X	Outdoor	
			Heated	Refrigerated

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

Physical State	Liquid	Viscosity	Non viscous
Color	White	Odor	Fruity
Appearance	Opaque	pH	8.3
Specific Gravity	1.02	Bulk Density	8.5
Evaporation Rate	0.44	Percent Volatile (Volume)	No information available
VOC Content (%)	No information available	VOC Photoreactive (Y/N)	Yes
Vapor Pressure	16.8 mmHg @ 70 °F	Vapor Density	0.6
Solubility	Completely soluble	Boiling Point/Range	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				
Polydimethylsiloxane	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
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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