

Safety Data Sheet: POWER GLOSS

Supersedes Date 07/14/2011

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name POWER GLOSS
Recommended use Cleaning agent Clear coating
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 0635
Chemical nature Aqueous solution Detergent
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Light yellow - green

Physical State Liquid

Odor Slight

GHS

Classification

Physical Hazards

None

Health Hazard

Skin Corrosion/Irritation

Category 2

Serious Eye Damage/Eye Irritation

Category 1

Specific target organ systemic toxicity (repeated exposure)

Category 2

Other hazards

None

Labeling

Signal Word

DANGER



Hazard Statements

H315 - Causes skin irritation

H318 - Causes serious eye damage

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

P280 - Wear protective gloves, protective clothing and eye protection.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P260 - Do not breathe mist.

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs, get medical attention.

P362 - Take off contaminated clothing and wash before reuse

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a physician

P501 - Dispose of contents and container in accordance with applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
2-Propanol, 1-propoxy-	1569-01-3	3-7
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	60828-78-6	1-5
Lauramine oxide	1643-20-5	1-5
Alcohols, C 12-14 secondary, ethoxylated	84133-50-6	1-5
Dicoco dimethyl ammonium chloride	61789-77-3	1-5

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact

Remove immediately all contaminated clothing. Wash off immediately with plenty of water for at least

Inhalation	15 minutes. Get medical attention immediately.
Ingestion	If inhaled, remove to fresh air. Get medical attention if symptoms occur. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	> 201 °F / > 94 °C	Method	Seta closed cup
Flammability Limits in Air % Mixture.		Upper	16.9
Suitable Extinguishing Media		Lower	1.3
Water spray. Carbon dioxide (CO ₂). 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 2	Flammability	1
HMIS	Health 2	Flammability	1
		Instability	0
		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	Do not flush into surface water or sanitary sewer system.
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	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing mist.			
Storage	Store in original container. Keep container tightly closed in a dry and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.			
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-Propanol, 1-propoxy-	No data available	No data available	No data available
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	No data available	No data available	No data available
Lauramine oxide	No data available	No data available	No data available
Alcohols, C 12-14 secondary, ethoxylated	No data available	No data available	No data available
Dicoco dimethyl ammonium chloride	No data available	No data available	No data available

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment.
General Hygiene Considerations	Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Non viscous
Color	Light yellow - green	Odor	Slight
Odor Threshold	Not applicable	Appearance	Transparent
pH	5.5	Specific Gravity	0.986
Evaporation Rate	0.65 (BuAc = 1)	Percent Volatile (Volume)	90.0
VOC Content (%)	7.0	VOC Photoreactive (Y/N)	Yes

VOC Max Use Dilution (wt%)	0.4	VOC Content (g/L)	69.0
Vapor Pressure	17.5 mmHg @ 70°F	Vapor Density	0.7 (air = 1)
Solubility	Completely soluble	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	211 °F / 99 °C	Flammability (solid, gas)	No data available
Flash Point	> 201 °F / > 94 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	Mixture.	Upper 16.9 Lower 1.3	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known
Incompatible Products	Strong oxidizing agents, Acids, Bases.
Hazardous Decomposition Products	Carbon oxides, Aldehydes.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	32,763.93
Dermal LD50	34,949.45
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Skin contact, Eye contact.
Primary Routes of Entry	Inhalation, Skin Absorption.

Acute Effects	
Eyes	Severe irritation.
Skin	Severe irritation.
Inhalation	Causes respiratory tract irritation.
Ingestion	Irritating to mucous membranes.
Chronic Toxicity	Liver and kidney injuries may occur.
Target Organ Effects	Liver, Kidney, Bladder, Respiratory system.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders, Liver disorders, Kidney disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
2-Propanol, 1-propoxy-	no data available	no data available	no data available	no data available	no data available
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	no data available	= 4780 µL/kg (Rabbit)	no data available	no data available	no data available
Lauramine oxide	no data available	no data available	no data available	no data available	no data available
Alcohols, C 12-14 secondary, ethoxylated	no data available	no data available	no data available	no data available	no data available
Dicoco dimethyl ammonium chloride	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
2-Propanol, 1-propoxy-	no data available	no data available	no data available	no data available	Liver, Kidney
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	no data available	no data available	no data available	no data available	Bladder, Liver, Kidneys
Lauramine oxide	no data available	no data available	no data available	no data available	no data available
Alcohols, C 12-14 secondary, ethoxylated	no data available	no data available	no data available	no data available	respiratory system
Dicoco dimethyl ammonium chloride	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
2-Propanol, 1-propoxy-	not applicable	not applicable	not applicable	not applicable	not applicable
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	not applicable	not applicable	not applicable	not applicable	not applicable
Lauramine oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Alcohols, C 12-14 secondary, ethoxylated	not applicable	not applicable	not applicable	not applicable	not applicable

Dicoco dimethyl ammonium chloride	not applicable	not applicable	not applicable	not applicable	not applicable
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12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
2-Propanol, 1-propoxy-	no data available	no data available	no data available	no data available	N/A
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	no data available	no data available	no data available	no data available	N/A
Lauramine oxide	no data available	no data available	no data available	no data available	N/A
Alcohols, C 12-14 secondary, ethoxylated	no data available	LC50 = 3.2 mg/L Pimephales promelas 96 h	no data available	EC50= 3.2 mg/L 48 h	N/A
Dicoco dimethyl ammonium chloride	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 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 Hazardous Categorization

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

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
2-Propanol, 1-propoxy-	Not applicable	Not applicable
2,6,8-Trimethyl-4-nonyloxy polyethylene oxyethanol	Not applicable	Not applicable
Lauramine oxide	Not applicable	Not applicable
Alcohols, C 12-14 secondary, ethoxylated	Not applicable	Not applicable
Dicoco dimethyl ammonium chloride	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By Rachael Mohochi

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Reason for Revision No information available.

Glossary No information available.

List of References. No information available.

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