



Spec-Chem Ind.

No.90 East Zhongshan Road
Nanjing, P.R.of China
Zipcode: 210002

Tel : +86 25 84523390, 84523391
Fax: +86 25 84520790, 84520791
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MATERIAL SAFETY DATA SHEET

PrzvFreeTM CLG

(Caprylyl Glycol)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Spec Chem Industry Inc.
No.90 East Zhongshan Road,
Nanjing 210002, P.R.of China
Phone number : 86-25-84523390, 84523391
Fax number : 86-25-84520790, 84520791
Trade Name: PrzvFreeTM CLG
INCI Name: Caprylyl Glycol
CAS Number: 1117-86-8

2. HAZARDOUS IDENTIFICATION

Emergency Overview

OSHA Hazards No known OSHA hazards

HMIS Classification

Health hazard: 0
Flammability: 0
Physical hazards: 0

NFPA Rating

Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENT

Ingredient	CAS Reg. No.
Caprylyl Glycol	1117-86-8

4. FIRST AID MEASURES

Ingestion:

If swallowed, observe victim for 24 hours; seek medical attention if indicated. If vomiting occurs, keep head lower than hips to prevent aspiration.

Skin:

For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.





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Inhalation:

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Notes to Physician: Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE FIGHTING MEASURES

Method: COC

Flammable Limits in Air - Upper (%):

Maximum % by volume of vapor in air above which propagation of flame

does not occur on contact with a source of ignition: N/D

Sensitivity to Mechanical Impact (Y/N): NO

Sensitivity to Static Discharge (Y/N): Sensitivity to static discharge is not expected.

Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical

Special Firefighting Procedures:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Use water spray to cool nearby containers and structures exposed to fire. Containers can build up pressure if exposed to heat(fire). Fire involving large amounts

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

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.

Large quantity spills should be contained and pumped into drums for recovery or disposal.

7. HANDLING AND STORAGE

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

8. EXPOSURE CONTROL PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95(US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.





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Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Clear and colorless liquid
Purity(by G.C.):	Not less than 98. 5%
Moisture Content:	Not more than 0.50%
Freezing Point:	N/D
Evaporation Rate (Butyl acetate = 1):	N/D
Pounds / Gallon (Water = 8.3):	N/D
Acid / Alkalinity (MEQ/G):	N/A
pH:	N/D
VOC (EPA Meth.24) (g/L):	N/D
Solubility in Organic Solvents:	N/D
Viscosity:	N/A

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur

Hazardous Thermal Decomposition / Combustion Products:

No unusual decomposition products known.

Incompatibility (Materials to Avoid): Avoid contact with strong alkali or strong acid.

Conditions to Avoid: None known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acute Oral (Rat) LD50 = 2240 mg/kg. ²
Skin Contact:	Patch testing indicates the material to be non-irritating. ²
Eye Contact:	Modified Draize testing indicates the material to be minimally irritating. ²
Sensitization:	Magnusson and Kligman study indicates the material has very low sensitization potential. ²

¹ Based on product test data.

² Based on test data from a similar product.

³ Based on test data from similar products, extrapolation from tests on similar materials, review of component data, or a combination of these sources

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:	Does not contain heavy metals.
Chemical Fate Information:	No data at this time.

13. DISPOSAL CONSIDERATION

Storage and disposal must be in accordance with applicable local, state & federal disposal





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regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

14. TRANSPORT INFORMATION

IMDG/IMO

14.1. UN-	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.
EmS No.	No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

15. REGULATORY INFORMATION

TSCA

This material is manufactured for use as an additive in personal care products and is regulated under the FOOD, DRUG, and COSMETICS ACT (FDA) and is therefore exempt from TSCA inventory listing requirements

DSL/NDSL Complies

AICS Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

AICS - Australian Inventory of Chemical Substances

16. OTHERS

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. SPEC CHEM IND shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Updated Apr.05, 2012

End of MSDS

