

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Krystaloid
Product Number: 1011
Chemical Name: Hydrocolloid
CAS Number: Blend

Company Identification

CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-424-9300 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: US Classification: Hazardous.

GHS Classification:

Acute Toxicity, Oral - Category 4
Specific target organ toxicity-repeated exposure Category 2

GHS Hazard Symbols:

Irritant, Health Hazard



GHS Hazard Statements:

H302 - Harmful if swallowed.
H373-May cause damage to organs through prolonged or repeated exposure.

GHS Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P301 + P330 If Swallowed: rinse mouth.
P311 - Call a POISON CENTER or doctor/physician.



EYE:

Causes eye irritation.

SKIN:

Causes skin irritation.

INHALATION:

Prolonged or excessive inhalation may causes respiratory tract irritation.

INGESTION:

May be harmful if swallowed.

CHRONIC EFFECTS:

May cause liver abnormalities, kidney damage and have adverse effects on the central nervous system.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

Individuals with impaired pulmonary function should not be subjected to excessive airborne concentrations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
ETHYL GLYCOL	25.0 - 60.0 %	107-21-1

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute, chronic hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

In case of contact, immediately flush eyes with plenty of water, lifting upper and lower lids, for at least 15 minutes. Get medical attention if irritation is apparent.

SKIN CONTACT FIRST AID:

Immediately wash skin with soap and plenty of water. Seek medical attention if irritation develops or persists. If cool colloid contacts skin, wash with warm soapy water.

INHALATION FIRST AID:

If inhaled, remove to fresh air. If breathing is difficult, have qualified personnel give oxygen.

INGESTION FIRST AID:

Do not induce vomiting. Obtain medical help.

5. FIRE FIGHTING MEASURES



FLAMMABLE PROPERTIES

COC Flash Point: N/A
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA:

Use appropriate extinguishing media for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

INITIAL CONTAINMENT:

Wait until gel is formed and pick up to dispose in a landfill in accordance with Federal, State & Local regulations.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid contact with skin and eyes. Avoid inhalation.

HANDLING (PHYSICAL ASPECTS):

Avoid temperatures above 200°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

EXPOSURE GUIDELINES:

Ethyl Glycol

OSHA TWA: 50 ppm, 127 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Transparent Gel with no odor
COLOR:	transparent
BOILING POINT:	212F F
VAPOR PRESSURE:	0.10 psia
VAPOR DENSITY:	2.6 (Air = 1)
SOLUBILITY IN WATER:	Slight
SPECIFIC GRAVITY:	1.1 (Water = 1)



10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Direct contact may cause irritation with redness and tearing.

SKIN EFFECTS:

Prolonged contact may cause irritation with redness and itching of the skin.

ACUTE ORAL EFFECTS:

Ingestion of very large amounts of ethylene glycol may cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. No human data has been reported at this time. May affect genetic material (mutagenic).

Ethyl Glycol

Test Code: Oral LD50

Description: Oral Rat LD50

Species: Rat

Results: 4700 mg/kg

12. ECOLOGICAL INFORMATION

Ethyl Glycol

Test Code: LC50/96-hour

Species: fish

Results: >100 mg/l

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Deposit in a landfill in accordance with all federal, state & local regulations.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Krystaloid
D.O.T. SHIPPING NAME:	Krystaloid
D.O.T. HAZARD CLASS:	N/A
UN NUMBER:	N/A
PACKAGE CLASS:	N/A



15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger:

Harmful (Xn), Irritant (Xi)



R-Phrases:

R22 - Harmful if swallowed.

R36/37/38 - Irritating to eyes, respiratory system, and skin.

R20/21 - Harmful by inhalation and in contact with skin.

S-Phrases:

S3/9 - Keep in a cool, well-ventilated place.

S25 - Avoid contact with eyes.

Canadian Disclosure List

Ethyl Glycol (107-21-1)

SARA Title III - Section 313

Krystaloid (BLEND) --
Ethyl Glycol (107-21-1)

Title V

Ethyl Glycol (107-21-1)

SC Toxic Air Pollutants List

Ethyl Glycol (107-21-1)

16. OTHER INFORMATION

REASON FOR ISSUE:	Update
PREPARED BY:	John Nicpon
APPROVED BY:	John Nicpon
TITLE:	Quality Manager
APPROVAL DATE:	March 16, 2018
SUPERCEDES DATE:	March 5, 2015
RTN NUMBER:	00000264 (Official Copy)

HMIS Rating:

Health - 1
Flammability - 1
Reactivity - 0

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END OF SAFETY DATA SHEET

