

8EHQ - 0104 - 15468



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DuPont Haskell Laboratory  
for Health and Environmental Sciences  
Elkton Road, P.O. Box 50  
Newark, DE 19714-0050

04 JAN 14 AM 6:02

January 12, 2004

Via Federal Express

Document Processing Center (Mail Code 7407M)  
Room 6428  
Attention: 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency, ICC Building  
1201 Constitution Ave., NW  
Washington, DC 20460



CONTAINS NO GRI

Dear 8(e) Coordinator:

8EHQ-1103-15468  
Polysaccharide derivative; NJTSR# 00850201001-5721P  
Coconut fatty acid surfactant; NJTSR# 00850201001-5709P  
Isopropyl Alcohol  
Triethanolamine

This letter is in response to the Agency's request of December 5, 2003 for additional information concerning the above referenced material.

The material, all components of which are listed on the TSCA Inventory, has been produced for sale outside of the U.S. as a surfactant, mainly as a degreaser/detergent in leather processing. It may have minor uses as a surfactant in industrial cleaning (as < 3% of any formulation). Present sales are less than 5,000 lbs./year.

In addition to the information communicated to the Agency in our November 4, 2003 letter, the material has low toxicity by the oral route, the approximate lethal dose in rats is 11,000 mg/kg of body weight. It is classified as an irritant as a result of skin testing in rabbits. The acute aquatic toxicity is as follows: the 96-hour LC50 in trout is 3.1 mg/L; the 48-hour Daphnia EC50 is 3.2 mg/L; and the 72-hour EC50 in algae is 1.04 mg/L.

Enclosed please find a copy of the material safety data sheet.

Sincerely,

A. Michael Kaplan, Ph.D.  
Director - Regulatory Affairs and Occupational Health

AMK/JCS:clp  
(302) 366-5260

Attachment (1)



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The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont  
Material Safety Data Sheet

Page 1

6397CR Glyclean(R) - DG  
Revised 6-JAN-2004

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Chemical Solutions Enterprise  
1007 Market Street  
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-800-441-7515  
Transport Emergency : CHEMTREC 1-800-424-9300  
Medical Emergency : 1-800-441-3637

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
NJTTSR# 00850201001-5709P		30-40
Isopropyl Alcohol (Isopropanol)	67-63-0	5-15
NJTTSR# 00850201001-5721P		55-65
Triethanolamine	102-71-6	1-5

HAZARDS IDENTIFICATION

# Potential Health Effects

Inhalation may cause irritation of the nose and throat with sneezing, sore throat or runny nose. Inhalation may also cause non-specific effects such as headache, nausea and weakness.

Skin contact may cause irritation with redness, itching, and swelling.

Eye contact may cause severe eye irritation or corneal injury with tearing, redness, swelling, pain or blurred vision.

Incidental ingestion of small quantities of this product is not expected to be harmful. Ingestion of larger quantities may cause irritation of the digestive tract. Repeated ingestion exposures may cause liver and kidney effects.

A major ingestion hazard is aspiration (liquid entering the lungs during ingestion or vomiting) which may result in "chemical pneumonia". Symptoms include coughing, gasping, choking, shortness of breath, bluish discoloration of the

## (HAZARDS IDENTIFICATION - Continued)

skin, rapid breathing and heart rate, and fever. Pulmonary edema or bleeding, drowsiness, confusion, coma and seizures may occur in more serious cases. Symptoms may develop immediately or as late as 24 hours after exposure, depending on how much chemical entered the lungs.

**Carcinogenicity Information**

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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**FIRST AID MEASURES**  
-----**First Aid****INHALATION**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**SKIN CONTACT**

Flush skin with water after contact. Wash contaminated clothing before reuse.

**EYE CONTACT**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**INGESTION**

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

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**FIRE FIGHTING MEASURES**  
-----**Flammable Properties**

Flash Point : 45 C (113 F)  
Method : Pensky-Martens Closed Cup - PMCC.

Combustible liquid.

**Extinguishing Media**

Water Spray, Foam, Dry Chemical, CO2.

## (FIRE FIGHTING MEASURES - Continued)

## Fire Fighting Instructions

Evacuate personnel to a safe area. Wear self-contained breathing apparatus (SCBA) and full protective equipment.

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ACCIDENTAL RELEASE MEASURES  
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## Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

## Initial Containment

Dike spill.

## Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material. Shovel, vacuum or scoop up to a metal drum for disposal.

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HANDLING AND STORAGE  
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## Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Wash clothing after use.

## Handling (Physical Aspects)

Keep away from heat, sparks and flames. Keep container tightly closed.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Engineering Controls

Use only with adequate ventilation.

## Personal Protective Equipment

## EYE/FACE PROTECTION

Wear safety glasses. Where splash potential exists, wear chemical splash goggles.

## RESPIRATORS

Wear NIOSH approved respiratory protection, as appropriate.

## (EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

## PROTECTIVE CLOTHING

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants and jacket.

## Exposure Guidelines

## Applicable Exposure Limits

## Isopropyl Alcohol (Isopropanol)

PEL (OSHA) : 400 ppm, 980 mg/m<sup>3</sup>, 8 Hr. TWA  
TLV (ACGIH) : 200 ppm, 8 Hr. TWA, A4  
STEL 400 ppm  
AEL \* (DuPont) : 400 ppm, 8 & 12 Hr. TWA

## Triethanolamine

PEL (OSHA) : None Established  
TLV (ACGIH) : 5 mg/m<sup>3</sup>, 8 Hr. TWA  
AEL \* (DuPont) : 3 ppm, 8 & 12 Hr. TWA

\* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

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PHYSICAL AND CHEMICAL PROPERTIES  
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## Physical Data

% Volatile: 52.17  
pH: 9.3  
Odor: Chemical  
Form: Liquid  
Color: Yellow  
Specific Gravity: 1.050  
Density: 8.76 lbs/gal

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STABILITY AND REACTIVITY  
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## Chemical Stability

Stable at normal temperatures and storage conditions.

## Incompatibility with Other Materials

None reasonably foreseeable.

## Decomposition

Decomposition will not occur.

## Polymerization

Polymerization will not occur.

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TOXICOLOGICAL INFORMATION  
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## # Animal Data

Glyclean(R) DG:

Oral ALD: 11,000 mg/kg in rats

This product is considered to have a very low toxicity via ingestion. Animal testing in rabbits indicates that this product is irritating to the skin. Animal testing in rabbit indicates that this product is severely irritating to the eyes; severe conjunctival redness occurred within 72 hours after exposure and persisted for at least 24 hours, and corneal opacity was present at 21 days following treatment.

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ECOLOGICAL INFORMATION  
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## Ecotoxicological Information

Aquatic Toxicity:

96 hour LC50 in rainbow trout: 3.1 mg/L

48 hour EC50 in Daphnia magna: 3.2 mg/L

72 hour EC50 in Selenastrum capricornatum: 1.04 mg/L

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TRANSPORTATION INFORMATION  
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## Shipping Information

DOT/IMO/IATA  
Proper Shipping Name : Flammable Liquid, N.O.S. (Isopropanol)  
Hazard Class : 3  
UN No. : 1993  
Packing Group : III  
Label(s) : Flammable Liquid

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REGULATORY INFORMATION  
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## U.S. Federal Regulations

TSCA Inventory Status : Listed.

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : Yes  
Chronic : No  
Fire : Yes  
Reactivity : No  
Pressure : No

## (REGULATORY INFORMATION - Continued)

## State Regulations (U.S.)

Triethanolamine is on the following states Right-to-Know lists: FL, MA, PA, RI, NJ and IL

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OTHER INFORMATION  
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## NFPA, NPCA-HMIS

NPCA-HMIS Rating  
Health : 3  
Flammability : 2  
Reactivity : 0

Personal Protection rating to be supplied by user depending on use conditions.

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsible for MSDS : MSDS Coordinator  
> : DuPont Clean & Disinfect  
Address : Wilmington, DE 19898  
Telephone : (800) 441-7515

# Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS