

## Material Safety Data Sheet

Version: 1.4

Revision Date : 12/07/2007  
Date Issued : 03/09/2010

### ISOLAN GPS

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : ISOLAN GPS  
 PRODUCT CODE : 206803  
 CHEMICAL FAMILY : Polyglycerin fatty acid partialester

Information on manufacturer/supplier : Evonik Goldschmidt GmbH  
 Goldschmidtstr. 100  
 Essen, 05 45127

Emergency telephone number (24h) : Telephone:  
 CHEMTREC (800) 424-9300  
 CANUTEC (613) 996-6666  
 Non-Emergency Phone Number: (800) 732-5616

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration [%]
All Ingredients Are Proprietary		

#### 3. HAZARDS IDENTIFICATION

##### Emergency Overview

##### **Physical Appearance**

Form : Liquid  
 Colour : dark yellow  
 Odour : specific to the product  
 Water solubility : insoluble

pH :  
not measured

##### **Potential health effects**

Immediate concerns : No particular hazards are known.

Eyes : May produce oil film causing brief reversible dimness of sight.

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- Skin : No harmful effects have been reported upon contact with skin.
- Ingestion : No harmful effects have been reported upon ingestion.
- Inhalation : No harmful effects have been reported upon inhalation.
- Primary routes of entry : Eyes
- Target organs : Eyes
- Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

#### **4. FIRST AID MEASURES**

- Eyes : In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.
- Skin : In case of contact with skin wash off with soap and water.
- Ingestion : if ingested inadvertently do not induce vomiting - seek medical advice.
- Inhalation : Ensure supply of fresh air.  
In the event of symptoms seek medical advice.
- General advice : Remove contaminated clothing.

#### **5. FIRE-FIGHTING MEASURES**

- Flash point : > 212 °F
- Autoignition temperature : not measured
- Upper Explosion limits : not measured
- Lower explosion limit : not measured
- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Extinguishing media which must not be used for safety reasons : Full water jet

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- Products in case of fire : In the event of fire the following can be released:  
- carbon dioxide, carbon monoxide
- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
- Hazardous decomposition products : None with proper storage and handling.
- OSHA flammable class : Combustible Liquid, Class IIIB

## 6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :  
Use personal protective equipment. Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. Take up with absorbent material (e.g. sand, kieselguhr, universal binder).

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA	(800) 424-9300
CANUTEC Canada	(613) 996-6666
CHEMTREC (other countries)	(International code)+1-202-483-7616

## 7. HANDLING AND STORAGE

### **General Procedures Handling**

- Advice on safe handling : Ensure adequate ventilation.
- Advice on protection against fire and explosion : No special measures required.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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#### Personal protective equipment

- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.
- Respiratory protection : In case of formation of vapors/aerosols: respiratory protective equipment, cartridge for organic gases and vapors.
- Hand protection : PVC gloves
- Eye protection : Use chemical resistant goggles or safety glasses with side shields.
- Protective clothing : light protective clothing
- Engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Colour : dark yellow
- Odour : specific to the product
- Melting temperature : not measured
- Boiling temperature : not measured
- Vapour pressure : not measured
- Density : approx. 0.97 g/cm<sup>3</sup>  
at 77.00 °F
- Water solubility : insoluble
- pH : not measured
- Viscosity, dynamic : 15,000 mPa.s  
at 25 °C  
Method: Brookfield
- Volatile organic compound : volatile in water: 0.02 %

#### 10. STABILITY AND REACTIVITY

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- Thermal decomposition : Not measured
- Hazardous reactions : No hazardous reactions with proper storage and handling.
- Hazardous polymerisation : No
- Stability : Yes
- Hazardous decomposition products : None with proper storage and handling.

## 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50 Species: rat  
Dose: > 2,000 mg/kg  
Method: OECD 423
- Sensitization : Species: Guinea pig  
non-sensitizing  
Method: OECD 406 (according to Magnusson and Kligman)
- Note : Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

## 12. ECOLOGICAL INFORMATION

### Further ecological information

- Ecological notes : The product is considered to be a water pollutant (German law).  
Do not allow to enter soil, waterways or waste water canal.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

- Product disposal and disposal requirements : In accordance with local authority regulations, take to special waste incineration plant
- Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

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#### **14. TRANSPORT INFORMATION**

##### **Sea transport**

**IMDG:**

Not regulated

##### **Air transport**

**ICAO/IATA:**

Not regulated

##### **DOT (Department of Transportation)**

**CFR Road:**

Not regulated

**CFR Rail:**

Not regulated

##### **CANADA Transport of Dangerous goods**

**TDG Road:**

Not regulated

**TDG Rail:**

Not regulated

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## 15. REGULATORY INFORMATION

### United States

- SARA Section 311/312 : Fire: No  
Reactivity: No  
Acute: No
- SARA Sections : SECTION 313  
Notification : No  
This product contains no SARA Title III, Section 313 listed chemicals.
- SARA Sections : SARA EHS  
Notification : No
- Notification Status : TSCA  
Notification : No  
All components of this product are not TSCA registered.
- California Proposition 65 Statement : Notification : No  
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

### Canada

- : WHMIS CLASSIFICATION  
Non-WHMIS
- Notification Status : Canadian Environmental Protection Act  
DSL  
Notification : Yes  
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

## 16. OTHER INFORMATION

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### **ISOLAN GPS**

HMIS Codes : Fire : 1  
Health : 1  
Physical Hazard : 0  
Protection : X

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon