

**NO STICK (FLOTREAT 13652)**

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Substance key: 000000566137

Revision Date: 11/28/2014

Version : 1 - 1 / CDN

Date of printing :12/02/2014

**WHMIS controlled:** yes  
**Class:** B2  
 D2B

**Section 01 - Product and company identification**

**Identification of the company:**

Clariant (Canada) Inc.  
 2 Lone Oak Court  
 Toronto, Ontario M9C 5R9,

**Information of the**

**substance/preparation:** ESHA

Phone (514) 832 2559, Fax (704) 330 1505

[Canada.PS@Clariant.com](mailto:Canada.PS@Clariant.com)

**Emergency tel. number:** +1 800-424-9300 CHEMTREC, +1 (703) 527-3887 INTERNATIONAL

**Trade name:** FLOTREAT 13652  
**Material number:** 281388

**Primary product use:** Corrosion inhibitor

**Section 02 - Hazards identification**

**Health effects of exposure:**

Flammable

Irritating to eyes and skin.

Diesel is expected to show evidence of skin carcinogenic activity based on mutagenic and / or analytical data. Possible risk of irreversible effects.

Isopropanol: an eye irritant. It can cause eye damage and corneal burns. Harmful by ingestion and subcutaneous routes. Human systematic effects by ingestion or inhalation: flushing, pulse rate decrease, blood pressure lowering, anesthesia, narcosis headache, dizziness, mental depression, hallucinations, distorted perceptions, dyspnea, respiratory depression, nausea or vomiting, coma.

**Section 03 - Composition/information on ingredients**

**Hazardous ingredients:**

Component	CAS number	Concentration
Fuels diesel	68334-30-5	40 - 70 %
Isopropanol	67-63-0	7 - 13 %
Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5	1 - 5 %

**Component toxicity information:**

Isopropanol ( 67-63-0 )

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**Acute oral toxicity:** LD50 5,280 mg/kg (Rat)  
**Acute inhalation toxicity:** LC50 72.6 mg/l (4 h, Rat)  
**Acute dermal toxicity:** LD50 12,800 mg/kg (Rabbit)

## Section 04 - First aid measures

### After inhalation:

Get victim to fresh air. Loosen tight clothing such as collar, tie, belt or waistband. If breathing is difficult administer oxygen. If victim is not breathing, give mouth to mouth resuscitation. Get prompt medical attention. Warning: giving mouth to mouth resuscitation when the inhaled material is toxic may be hazardous to the person providing aid.

### After contact with skin:

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.

### After contact with eyes:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

### After ingestion:

If swallowed, DO NOT induce vomiting.  
Get immediate medical advice/ attention.

### Advice to doctor / Treatment:

None known.

## Section 05 - Fire fighting measures

**Flashpoint:** 23 - 61 °C  
Data relate to solvent

**Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Special fire fighting procedure:

Wear full protective clothing and self-contained breathing apparatus.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Cool endangered containers with water spray jet.

### Hazardous combustion products:

In case of fire hazardous decomposition products may be produced such as:  
Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)  
Container explosion may occur under fire conditions.

## Section 06 - Accidental release measures

### Steps to be taken in case of spill or leak:

Only trained personnel should be involved in spill operations. Wear suitable protective equipment. Ensure adequate ventilation. Remove all ignition sources. Contain spill and pump into proper containers using explosion-proof equipment. Smaller spills may be recovered using an inert non-combustible absorbent material (sand, kieselguhr) and collected into suitable containers. Do not use organic absorbent material. Containers in which spilt

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substance has been collected must be properly labelled. Spill may be covered with an appropriate foam to hinder the formation of explosive vapours. Wash spill area. Do not allow to enter sewers, storm drains, surface waters or the soil.

Only trained personnel should be involved in spill operations. Wear suitable protective equipment. Ensure adequate ventilation. Remove all ignition sources. Contain spill and pump into proper containers using explosion-proof equipment. Smaller spills may be recovered using an inert non-combustible absorbent material (sand, kieselguhr) and collected into suitable containers. Do not use organic absorbent material. Containers in which spilt substance has been collected must be properly labelled. Spill may be covered with an appropriate foam to hinder the formation of explosive vapours. Wash spill area. Do not allow to enter sewers, storm drains, surface waters or the soil.

## Section 07 - Handling and storage

### Advice on safe handling:

Keep away from heat, sparks and open flames. - Avoid breathing vapors or contact with skin, eyes, and clothing.- Use only with adequate ventilation and proper protective eyewear, face shield, gloves and clothing. Wash thoroughly after handling. Keep container closed.

### Further info on storage conditions:

Keep containers tightly closed in a cool, well-ventilated place.  
Handle and open container with care.  
Keep away sources of ignition.

## Section 08 - Exposure controls / personal protection

### Occupational exposure limits:

Component	CAS number	Regulatory list	Type of value	Value 1	Value 2
2-Propanol Isopropanol	67-63-0	USA. ACGIH Threshold Limit Values (TLV)	8-hour, time- weighted average	200 ppm	
2-Propanol Isopropanol	67-63-0	USA. ACGIH Threshold Limit Values (TLV)	Short-term exposure limit	400 ppm	

### Respiratory protection:

Wear an approved respirator when exposed to vapours or to mists beyond the TLV. Use appropriate filters. Do not exceed filters limitations. TLV = Threshold Limit Value

### Hand protection:

Butyl Rubber, PVC or Neoprene

### Eye protection:

Safety goggles  
Face-shield

### Other protective equipment:

Avoid skin contact.  
Wear suitable protective clothing.

## Section 09 - Physical and chemical properties

**Form:** Liquid

**Color:** Clear, amber

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**pH:** Not applicable  
**Density:** 0.85 - 0.89 g/cm<sup>3</sup>  
**Freezing point :** < -35 °C

## **Section 10 - Stability and reactivity**

**Thermal decomposition:** not available  
**Chemical stability:** Stable  
**Hazardous Polymerization:** no  
**Incompatibility with (Conditions to avoid) :** Keep away from heat.  
Keep away from flames and sparks.

## **Section 11 - Toxicological information**

**Acute oral toxicity:** The product has not been tested. The information is derived from the properties of the individual components., Harmful by inhalation and if swallowed.  
**Skin irritation:** Severe skin irritation  
The product has not been tested. The information is derived from the properties of the individual components.  
**Eye irritation:** strongly irritant  
The product has not been tested. The information is derived from the properties of the individual components.

## **Section 12 - Ecological information**

**Product information:**

**Remarks:**

The product should not be allowed to enter drains, water courses or the soil.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Component information:**

Propan-2-ol ( 67-63-0 )

**Biodegradation:** 95 %  
Readily biodegradable.

**Fish toxicity:** Test data for the substance are not available.

**Remarks:**

slightly water endangering

## **Section 13 - Disposal considerations**

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## **Waste disposal information:**

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

## **Section 14 - Transport information**

### **TDG**

Proper shipping name: Flammable liquid, n.o.s.  
Class: 3  
Packing group: III  
UN/ID number: UN 1993  
Primary risk: 3  
Remarks: Shipment permitted  
Hazard inducer(s): Diesel  
Isopropanol

### **IATA**

Proper shipping name: Flammable liquid, n.o.s.  
Class: 3  
Packing group: III  
UN/ID number: UN 1993  
Primary risk: 3  
Remarks: Shipment permitted  
Hazard inducer(s): Diesel  
Isopropanol

### **IMDG**

Proper shipping name: Flammable liquid, n.o.s.  
Class: 3  
Packing group: III  
UN no.: UN 1993  
Primary risk: 3  
Hazard inducer(s): Diesel  
Isopropanol  
E m S: F-E S-E

## **Section 15 - Regulatory information**

### **Registration status**

DSL: no  
NDSL: yes

The product is not listed on the DSL, however, there is an import limit that allows Clariant (Canada) to import/market the product in Canada.

### **CEPA**

Listed as toxic substance: Not listed  
Listed as priority substance: Not listed

### **NPRI**

Listed

## **Section 16 - Other information**

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## WHMIS



Flammable

Harmful if swallowed.

Harmful by inhalation and in contact with skin.

**MAY CAUSE SEVERE EYE, SKIN AND MUCOUS MEMBRANE IRRITATION**

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The information contained on this MSDS is to the best of our knowledge an accurate summary of the data available as of the date of preparation. Clariant (Canada) Inc. is not liable for the application or use of this information in situations beyond its control or outside the normal and expected use of its product. Clariant (Canada) Inc. assumes no responsibility for damage or injury from the use of the product described herein.