

# MATERIAL SAFETY DATA SHEET



## HOSTAFLOT 1335

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Substance key: 000000489548  
Version : 2 - 0 / CDN

Revision Date: 03/14/2014  
Date of printing :06/04/2019

WHMIS controlled: yes  
Class: E

### Section 01 - Product and company identification

**Identification of the company:**

CLARIANT S/A  
Av.d.Nacoes Unidas, 18001-Sto.Amaro  
Sao Paulo - SP, 04795-900  
Telephone No.: +55 11 5683 7233

**Information of the substance/preparation:**

ESHA  
Phone (514) 832 2559, Fax (704) 330 1505  
Canada.PS@Clariant.com

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

**Trade name:** HOSTAFLOT 1335  
**Material number:** 100005826

**Chemical family:** Aqueous alkaline solution of Sodium diisobutylthiophosphate and Sodium diisobutyldithiophosphate

**Primary product use:** Metal processing

### Section 02 - Hazards identification

**Health effects of exposure:**

Contact with this product will cause severe irritation to skin and eyes and may cause burns. Inhalation of aerosols, mists or dust will irritate the respiratory tract and may cause burns. Ingestion or inhalation may be harmful. Sodium hydroxide: the effects of long-term low-level exposure have not been determined. Harmful by ingestion, inhalation and skin contact. Contact with skin will cause burns. Contact with eyes may cause permanent damage and loss of vision. Ingestion will cause severe damage to the gastrointestinal tract and may be fatal. Inhalation of mists will cause burns to the respiratory tract and may cause the destruction of lung tissues.

### Section 03 - Composition/information on ingredients

**Hazardous ingredients:**

Component	CAS number	Concentration
Sodium O,O-diisobutyl dithiophosphate	53378-51-1	10 - 30 %
Phosphorothioic acid, O,O-bis(2-methylpropyl) ester, sodium salt	53378-52-2	7 - 13 %
Sodium hydroxide	1310-73-2	0.5 - 1.5 %

**Component toxicity information:**

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Sodium hydroxide ( 1310-73-2 )

**Acute oral toxicity:** LD50 365 mg/kg (rat)

### Section 04 - First aid measures

**After inhalation:**

Move the victim to fresh air.  
Give oxygen or artificial respiration if needed.  
Get immediate medical advice/ attention.  
Never give anything by mouth to an unconscious person.

**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:** No flash point - Measure made up to the boiling point.

**Lower explosion limit:** not tested.

**Upper explosion limit:** not tested.

**Extinguishing media:** Water spray jet  
Carbon dioxide (CO<sub>2</sub>)  
Dry powder

**Hazardous combustion products:**

In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon dioxide (CO<sub>2</sub>)

### Section 06 - Accidental release measures

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

Wear suitable protective equipment. Ensure adequate ventilation. Contain spill and pump into proper containers using compatible equipment. Smaller spills may be recovered using inert absorbent material (sand, sawdust) and collected into suitable containers. Wash spill area.  
Do not allow the product to enter sewers or waterways.

### Section 07 - Handling and storage

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**Advice on safe handling:**

Handle and open container with care.

**Further info on storage conditions:**

Keep containers tightly closed in a cool, well-ventilated place.

Handle and open container with care.

**Section 08 - Exposure controls / personal protection****Occupational exposure limits:**

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
Sodium hydroxide	1310-73-2	US. Threshold Limit Values (TLV) for Chemical Substances in the Work Environment Adopted Values	Ceiling limit		2 mg/m3

**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**

<b>Form:</b>	Liquid
<b>Color:</b>	yellow
<b>Odor:</b>	Sulphur-like
<b>pH:</b>	11 Test result of a related preparation.
<b>Solubility in water:</b>	soluble
<b>Density:</b>	ca. 1.13 g/cm3 Test result of a related preparation.
<b>Melting point :</b>	-10 °C Test result of a related preparation.
<b>Boiling point :</b>	104.44 °C Test result of a related preparation.
<b>Partitioning coef. octanol/water:</b>	This property is not applicable for mixtures.

**Section 10 - Stability and reactivity**

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<b>Chemical stability:</b>	Stable under normal conditions.
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

**Section 11 - Toxicological information**

<b>Acute oral toxicity:</b>	LD50 > 2,000 mg/kg (rat) Method: test result of a related preparation.
<b>Acute inhalation toxicity:</b>	No data available. No information on acute inhalation toxicity was found in the specialised literature.
<b>Acute dermal toxicity:</b>	No data available. No information on acute dermal toxicity was found in the specialised literature.
<b>Skin irritation:</b>	irritating Method: test result of a related preparation.
<b>Eye irritation:</b>	Corrosive Method: test result of a related preparation.
<b>Sensitization:</b>	No data available. No information on sensitization was found in the specialised literature.

**Other relevant toxicity information:**

The product has not been tested. The statements are derived from products of a similar composition.

**Section 12 - Ecological information**

<b>Product information:</b>	
<b>Biodegradation:</b>	10 - 35 % Method: test result of a related preparation.
<b>Fish toxicity:</b>	LC50 > 500 mg/l (Fish) Method: test result of a related preparation.
<b>Bacteria toxicity:</b>	EC50 100 - 1,000 mg/l Method: test result of a related preparation.

**Remarks:**

The ecotoxicity of the product has not been tested. The information given is based on products of similar structure or composition.

**Section 13 - Disposal considerations**

<b>Waste disposal information:</b>	Consult local, state, and federal regulations.
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**Section 14 - Transport information**

<b>TDG</b>	
Proper shipping name:	Caustic alkali liquid, n.o.s

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Class: 8  
Packing group: II  
UN/ID number: UN 1719  
Primary risk: 8  
Remarks: Shipment permitted  
Hazard inducer(s): Sodium-diisobutylthiophosphate

**IATA**

Proper shipping name: Caustic alkali liquid, n.o.s.  
Class: 8  
Packing group: II  
UN/ID number: UN 1719  
Primary risk: 8  
Remarks: Shipment permitted  
Hazard inducer(s): Sodium-diisobutylthiophosphate

**IMDG**

Proper shipping name: Caustic alkali liquid, n.o.s.  
Class: 8  
Packing group: II  
UN no.: UN 1719  
Primary risk: 8  
Hazard inducer(s): Sodium-diisobutylthiophosphate  
EmS: F-A S-B

**Section 15 - Regulatory information****Registration status**

DSL: yes

NDSL: no

All components of the product are listed on the DSL/Canada.

**CEPA**

Listed as priority substance: no

Listed as toxic substance: no

**NPRI**

no

**Section 16 - Other information****WHMIS**

Corrosive  
Causes burns.

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