

ISSUED ON:25/03/1997  
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## **SAFETY DATA SHEET**

According to ECC 67/548,ECC 91/155 , ECC 93/112, 2001/58/CE and 2004/73/CE

### **1 NAME OF PRODUCT AND COMPANY**

1.1 Identification of the substance: Cutting fluid.

Commercial name: **Cut-Max T 363**

1.2 Name of the Company:

**HOUGHTON ITALIA S.p.A.**

Office: Via Pastorino, 38 - 16162 GENOVA - Phone 010-726411 Fax 010-7450055

Works: Via F.lli Bronzetti, 22 - 16161 GENOVA - Phone 010-741021 Fax. 010-7407375

1.3 Emergency calls: Phone 010-741021 Dr. Fiorenzo Bucelli

### **2 COMPOSITIONAL INFORMATION**

2.1 Description: Mixture of highly refined mineral oils IPA contents < 3% (extract Dsmo according IP 346), and additives.

Dangerous materials:

Each component is not present in such an amount for the product to be classified as "Hazardous for the health", according to EC Regulation

### **3 HAZARDS**

3.1 Main hazards for human health and for the environment:

In case of accidental spillage in water, depuration system or earth, danger of anaerobic conditon.

3.2 Main risks for human health:

None in particular

3.3 Expected symptoms after improper use of the product:

Skin irritation in case of prolonged contact.

Irritant for inhalation in case of prolonged breathing of aerosol or mists.

## **4 FIRST AID AND EMERGENCY**

### **4.1 Ingestion:**

Do not induce vomit. Give a drink of milk or food oil. Consult a physician.

### **4.2 Inhalation:**

Do not stay in the contaminated area.

**4.3 Skin contact:**Wash with plenty of water and soap and change contaminated clothes.

### **4.4 Eyes contact:**

Wash thoroughly with water keeping eyes open. Consult a specialist.

### **4.5 First aid:**

None in particular.

## **5 FIRE SAFETY DATA**

### **5.1 Appropriate extinguishing media:**

CO<sub>2</sub>, powder, foam.

### **5.2 Extinguishing media not to be used:**

Water.

### **5.3 Exposure risks resulting from the product, combustion products or produced gas:**

None in particular.

### **5.4 Personal protection during fire extinction:**

Normal industrial wear.

## **6 ACCIDENTAL SPLITTING SAFETY DATA**

### **6.1 Human precautions:**

Wear skin protective clothes.

### **6.2 Environmental precautions:**

Avoid the leakage of product in sewage system or rivers.

### **6.3 Cleaning procedure:**

Take up with absorbent materials, e.g. sawdust, sand.

## 7 HANDLING AND STORAGE

### 7.1 Handling:

Observe normal industrial hygiene.

### 7.2 Storage:

Store the product in suitable rooms at ambient temperature and sufficiently aerated. No quantitative limits.

## 8 EXPOSURE CONTROL/PROTECTION

### 8.1 Respiratory protection:

- Avoid mist processes.
- TLV estimated: 5 mg/m<sup>3</sup> referred to oleos mist

### 8.2 Hands protection:

Use oily chemical products resistant gloves.

### 8.3 Eyes protection:

Use oily chemical products resistant gloves.

### 8.4 Clothes:

Wear skin protective clothes.

## 9 CHEMICAL-PHYSICAL PROPERTIES

- |                               |   |                               |
|-------------------------------|---|-------------------------------|
| • Appearance                  | : | Limpid liquid amber coloured. |
| • Odour                       | : | Peculiar of mineral oil.      |
| • pH                          | : | Not applicable.               |
| • Boiling point/range         | : | > 200°C (initial estimated)   |
| • Flash point                 | : | ≥150°C                        |
| • Self-flammability           | : | >400°C [estimated]            |
| • Explosive properties        | : | None.                         |
| • Fire properties             | : | None.                         |
| • Vapour density              | : | Unknown.                      |
| • Specific gravity at 15,5 °C | : | 1.000 - 1.010                 |
| • Solubility in water         | : | No.                           |
| • Solubility in oil           | : | Complete.                     |
| • Viscosity at 40°C [cSt]     | : | 12-18                         |
| • Viscosity at 40°C [cSt]     | : | 2-3                           |
| •                             | : |                               |

## 10 STABILITY AND REACTIVITY

### 10.1 Conditions to be avoided:

None in particular.

### 10.2 Materials to be avoided:

Strong acids and oxidants.

### 10.3 Dangerous products:

- None in particular during use.
- CO - CO<sub>2</sub> - ClO<sub>x</sub> in case of fire.

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Harmful effect resulting from exposure:

EFFECTS	YES	NO
Sensitization		X
Narcotic		X
Corrosive		X
Irritant		X
Cancerogenic		X
Mutagenic		X
Teratogenic		X

### NOTE:

## 12 ECOLOGICAL INFORMATION

### 12.1 Evaluation of transformation and behaviour of the product:

Product has a medium chemical reaction.

### 12.2 Evaluation of possible effects of the products:

The main effect of the product is the waterproofness of the cells and the surface in general.

### 12.3 Biodegradability:

Product is not to be considered harmful or toxic, nevertheless transfer in water slows down oxygen exchange while its waterproof power on the surface of the cells causes a considerable reduction of physiological processes.

### 12.4 Biological accumulation:

No biological accumulation is supposed in the ecosystem.

### 12.5 Environmental toxicity:

See 12.3

### 12.6 Behaviour in waste water treatment system:

Insoluble product. Do not send to waste water treatment system.

## 13 WASTE TREATMENT

### 13.1 Recommended system:

Residue of the product is to be considered as special industrial waste.

### 13.2 Aspect of the residue:

Oily, pumpable.

### 13.3 Containers can be re-used after reconditioning.

## 14 TRANSPORT DATA

### 14.2 Transport precautions:

This product is not submitted to the RID/ADR/IMO/IATA regulations.

## 15 REGULATORY INFORMATION

- EEC classification : Not classified.
- Hazard symbol : No.
- Risk Phrases : No.
- Safety Phrases : No.

Benzene : Absent  
Aromatic ammine : Absent

Note:

## 16 OTHER INFORMATION

Given information refer to neat product, if not stated otherwise.

Person in charge of environmental aspects: Dr.F.Bucelli

Rif.n.: X05123

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Information contained in this data sheet conform to the best of our knowledge but do not represent any guarantee. No responsibility can be claimed by the customer for any damage resulting from improper use.

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