

# MATERIALS SAFETY DATA SHEET

## SECTION 1 – PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: COOL-CUT  
PRODUCT USE: Anti-corrosion medium and coolant

10 90 01 / 10 90 10

DISTRUBUTOR'S NAME: MICRO STAR 2000 INC.  
DISTRUBOTOR'S ADDRESS: 225 Bradwick Drive, Unit 21  
Concord, Ontario, Canada  
L4K 1K7

EMERGENCY PHONE NUMBER: 905-660-1754

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION CONTAINS:  
Water, Anti-corrosion agent, Glycols and adjuvant.

INGREDIENTS PRESENTING A HEATLH HAZARD:

Names:	CONC.	SYMB.	R-phrases
Derivate of hydrotriazine	1	2.5 Xn	22-43

## SECTION 3 – POSSIBLE HAZARDS IDENTIFICATION OF THE PREPARATION

DESIGNATION: Xi-Irritant

SPECIAL INFORMATION ON HUMAN AND ENVIRONMENTAL SAFETY:  
43 – May cause sensitization by skin contact.

## SECTION 4 – FIRST AID MEASURES

GENERAL: In all causes of doubt seek medical attention.

INHALATION: None

SKIN CONTACT: Remove contaminated (drenched) clothing. Wash skin with soap and water.  
**DO NOT USE SOLVENTS OR THINERS.**

EYE CONTACT: Rinse thoroughly with clean, fresh water for at least 10 minutes holding the eyelids apart and seek medical attention, if necessary.

INGESTION: Obtain medical attention, if necessary. Give water and medical coal.  
**DO NOT INDUCE VOMITING if the person is in shock.**

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## SECTION 5 – FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:**

All usual for fires in the surrounding area. The product is non-flammable. Special hazards caused by the product, its combustion products or resulting gas:

**SPECIAL PROTECTIVE MEASURES:**

None.

**GENERAL INFORMATION:**

Cool closed containers exposed to fire with water to avoid damage to the containers.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Refer to protective measures listed in sections 7 and 8. Pay attention to slippery ground due to spillage. With non-combustible absorbent materials e.g.: vermiculite, kieselguhr, sand and fill in container for disposal according to local regulations.

**DO NOT ALLOW TO ENTER DRAINS OR WATERS.**

If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations. Small quantities of residue may be drained using a lot of water.

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## SECTION 7 – HANDLING AND STORAGE

**HANDLING:**

Do not eat, drink or smoke while handling the product. Avoid prolonged skin contact. Keep the product in containers of the same material as the original one. Comply with the Health and Safety at Work laws.

**STORAGE:**

Store between 5 and 30°C in a dry place. Containers which are opened must be carefully closed and kept upright to prevent leakage. In order to preserve product quality, protect from extreme temperatures.

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## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING MEASURES:**

Provide adequate ventilation if necessary.

**EXPOSURE LIMITS:**

Occupational exposure limit for:

Names	Limits/Regulations
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**GENERAL PROTECTIVE AND HYGIENIC MEASURES:**

Adhere to common industrial hygiene.

### PERSONAL PROTECTION MEASURES

**HAND PROTECTION, RECOMMENDED FOR PROLONGED OR REPEATED CONTACT:**

Barrier creams may help to protect the exposed areas of the skin. They should however not be applied once exposure has occurred. If necessary wear gloves.

**EYE PROTECTION:**

Use safety eyewear designed to protect against splashing of liquids if necessary.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

PHYSICAL STATE: Liquid  
COLOR: Slightly yellow  
ODOR: Like amines

### PHYSICAL DATA

			VALUE	METHOD
Pour Point:		←	-15 °C	ISO 3016
Boiling Point:		ca.		
Flash Point:		ca.	N.A.	EN 22719
Viscosity:	at 20 °C	ca.	140 mm <sup>2</sup> /s	DIN 51562/1
Specific Gravity:	at 20 °C	ca.	1.160 g/cm <sup>3</sup>	DIN 51757
Explosion Limits:		N.A.-N.A.		
Solubility in Water:	soluble			
PH Value:	at 3.0/20 °C	ca.	9.40	DIN 51369

## SECTION 10 – STABILITY AND REACTIVITY

### MATERIALS TO AVOID:

No special materials.

### THERMAL COMBUSTION:

None in case of proper handling/storage.

### HAZARDOUS DECOMPOSITION OF PRODUCTS:

No special.

### FURTHER INFORMATION:

The product is free from secondary amines. Nitrous substances, chlorine, PCB and PCT.

## SECTION 11 – TOXICOLOGICAL INFORMATION

Due to chemical composition it is expected that the LD50-value is significantly above 2000 mg/kg.

### EMPIRICAL DATA ON EFFECTS ON HUMANS:

In case of proper handling, no negative effects have become known so far.

Primary Irritation:

Sensitization: See chapter 3

Other Information: Prolonged contact with the concentrated product may have a sensitizing effect.

## SECTION 12 – ECOLOGICAL INFORMATION

Industrial chemicals should not be allowed to enter drains or waters in larger amounts.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

**PRODUCT:**

Adhere to federal, state and local regulations.

Empty containers are to be disposed of according to official regulations.

**EWC-No. (Recommendation): 130304 070604**

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## SECTION 14 – TRANSPORT INFORMATION

**LAND TRANSPORT ADR/RID:**

Class: N.A.

UN-No.: N.A.

Contains:

**SHIPPING DATA IMDG:**

Class: N.A.

UN-No.: N.A.

Contains:

Page: N.A.

EmS-No.: N.A.

MFAG: N.A.

Marine Pollutant: N.A.

**AIR TRANSPORT:**

Class: N.A.

Packaging Group: N.A.

This product is a non-hazardous substance in the sense of the transport regulations.

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## SECTION 15 – REGULATORY INFORMATION

Requirements according to the EC-Classification / Dangerous Substances.

**REGULATION:**

The product must be labeled as follows: Xi irritant

**CONTAINS:**

Derivate of hydrotriazine

**R PHRASES:**

43 – May cause sensitization by skin contact.

**S PHRASES:**

24 – Avoid contact with skin

37 – Wear gloves

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## SECTION 16 – OTHER INFORMATION

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary steps in order to fulfill the demands laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements for our product, it is not to be considered as a guarantee of the product's properties.

This document is a system print-out and is valid without signature.

N.A. = Not Applicable

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## SECTION 17 – PREPARATION OF MATERIALS SAFETY DATA SHEET

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