

SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

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

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DISTRUBOTOR'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.

<u>Chemical Name</u>	<u>CSA#</u>	<u>Wt.%</u>	<u>Exposure Limits (TWA)</u>
Triethanolamine	102-71-6	10 – 19	5 mg/m ³ AGGIH TLV 3 ppm OSHA PEL
Monoethanolamine	141-43-5	1 – 9	3 ppm ACGIH TLV 5 mg/m ³ OSHA PEL
Boric Acid	10043-35-3	1 – 9	10 mg/m ³ ACGIH TLV

COMMENTS: Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specifications.

SECTION 3 – HAZARDS IDENTIFICATION

HAZARDS OVERVIEW

WARNING! - Avoid contact with eyes, skin and clothing. Contact with eyes and skin may cause irritation. Prolonged contact may result in skin defatting, which may make the condition more severe. To decrease the risk of irritation, please refer to the personal protective equipment listed in Section 8. In case of exposure, see Section 4.

Acute Oral Toxicity Category 5 - May be harmful if swallowed.

SECTION 4 – FIRST AID MEASURES

GENERAL: In all causes of doubt seek medical attention.

INHALATION: Remove to fresh air. If cough or other symptoms develop, seek medical attention.

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 5 minutes holding the eyelids apart and seek medical attention, if necessary.

INGESTION: Wash out mouth with water and keep at rest. If large quantities ingested, pump stomach. Seek immediate medical attention.

INHALATION: Remove to fresh air. If cough or other symptoms develop, seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Extinguish as appropriate for the surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may produce CO, CO², NO_x, and SO_x.

SPECIAL FIRE FIGHTING PROCEDURES: None

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.

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 35°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. **DO NOT FREEZE**

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES:

Provide adequate ventilation if necessary.

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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

PHYSICAL STATE: Liquid
 COLOR: Light Beige
 ODOR: Mild

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 ² /s	DIN 51562/1
Specific Gravity:	at 20°C	ca.	1.160 g/cm ³	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.

POSSIBLE HAZARDOUS DECOMPOSITION OF PRODUCTS: Oxides of C, N and S.

No special.

FURTHER INFORMATION:

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

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: May be harmful if swallowed. See Section 2 for more information.

SKIN CORROSION/IRRITATION: Over exposure can lead to skin irritation. See Section 2 for more information.

SERIOUS EYE DAMAGE/IRRITATION: Can be irritating to the eye. See Section 2 for more information.

RESPIRATORY OR SKIN SENSITIZATIONS: No Data Available.

GERM CELL MUTAGENICITY: No Data Available.

CARCINOGENICITY: No ingredients are considered carcinogenic according IARC, NTP and OSHA.

STOT-SINGLE EXPOSURE: No Data Available.

STOT-REPEATED EXPOSURE: NO Data Available.

ASPIRATION HAZARD: No Data Available.

LIKELY ROUTES OF ENTRY:

Skin
 Eyes

SECTION 12 – ECOLOGICAL INFORMATION

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

SECTION 13 – DISPOSAL CONSIDERATIONS

PRODUCT:

Adhere to federal, state and local regulations.

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

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.

SECTION 15 – REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROLACT): All intentional ingredients are listed on or exempt from the TSCA Inventory.

EPCRA 311/312 (Hazard categories): None

SARA TITLE 313): This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances Listed under SARA Section 313.

SECTION 16 – OTHER INFORMATION

The information of this MSDS is based on the present state of our knowledge 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

SECTION 17 – PREPARATION OF SAFETY DATA SHEET

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REVISED: September 1, 2023