



36 Draffin Road, Hilton, NY 14468 Phone: 800-828-6351 585-392-3434 Fax: 585-392-2691
EMERGENCY NUMBERS: CHEMTREC (800) 424-9300 Monroe Fluid Technology (800) 828-6351
Website: <http://www.monroefluid.com>

Material Safety Data Sheet

Product Name: **ASTRO-KOTE C** Effective Date: 05/06/11 Date Printed: 05/09/11 Page: 1

HMIS Rating:

Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: B

1) INGREDIENTS: (% wt., unless otherwise noted)

CHEMICAL NAME	CAS #	%
Triethanolamine	102-71-6	1-5

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not "Hazardous" per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2) PHYSICAL DATA:

Boiling Point: 215° F.
Vapor Pressure: <20
Vapor Density: <1
Solubility In Water: Complete
pH @ 20:1: 8.9 ± 0.2
Sp. Gravity: @ 60° F. 1.055 ± 0.01
Appearance: Light yellow clear liquid
Odor: Slight sweet odor

3) FIRE AND EXPLOSION HAZARD DATA:

Flash Point: None
Method Used: PMCC

FLAMMABLE LIMITS:

LFL: None
UFL: None

EXTINGUISHING MEDIA: None required, will not burn.

FIRE & EXPLOSION HAZARDS: Intense heat may cause unopened drums to rupture. Cool fire-exposed containers with water.

FIRE-FIGHTING EQUIPMENT: Use NIOSH-approved self-contained breathing apparatus.

4) REACTIVITY DATA:

STABILITY: (conditions to avoid) Stable under normal storage and use conditions

INCOMPATIBILITY: (specific materials to avoid) Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of C, N and B

HAZARDOUS POLYMERIZATION: Will not occur

5) ENVIRONMENTAL AND DISPOSAL INFORMATION:



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ACTION TO TAKE FOR SPILLS/LEAKS: Contain spill. Collect onto inert absorbent. Do not flush into drain or sewers. Place in a DOT container for disposal.

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

6) HEALTH HAZARD DATA:

EYE: Contact may cause redness and irritation.

SKIN CONTACT: Prolonged contact may cause slight irritation.

SKIN ABSORPTION: Not expected to be a probable route of exposure.

INGESTION: Small amounts ingested incidental to normal handling are not likely to cause injury; larger quantities ingested may cause injury.

INHALATION: No acute effects expected

SYSTEMIC (other target organ) EFFECTS: None known

TERATOLOGY (birth defects): None known

REPRODUCTIVE EFFECTS: None known

MUTAGENICITY (effects on genetic material): None known

CARCINOGENICITY: IARC: NO NTP: NO OSHA: NO

7) FIRST AID:

EYES: Wash eyes thoroughly for at least 15 minutes. If irritation persists, contact a physician.

SKIN: Wash skin with soap and water.

INGESTION: Contact a physician.

INHALATION: If irritation occurs, remove to fresh air. If irritation persists, contact a physician.

NOTE TO PHYSICIAN: Treatment of overexposure should be directed toward the control of symptoms and the clinical condition.

8) HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: Triethanolamine ACGIH TLV: 5 mg/m³

VENTILATION: General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.

RESPIRATORY PROTECTION: None normally required.

SKIN PROTECTION: Rubber gloves

EYE PROTECTION: Safety glasses



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9) ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Product contains Amines. Sodium Nitrite or other nitrosating agents should not be added to this product. This step will prevent the formation of nitrosamines which are known to be animal carcinogens. Normal precautions common to good manufacturing practices should be followed in handling and storing. Store away from food. Wash hands before eating, drinking or smoking. Use as directed.

REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented). None

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

The components of this product are listed on the TSCA inventory.

This product contains the toxic chemical or chemicals listed below, which are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and the requirements of 40 CFR part 372:

None

This notice must not be detached from the foregoing MSDS. If the MSDS is copied for any reason, including distribution, this notice must also be copied and accompany all redistributed MSDS'. Failure to do so may subject you to penalties under law.

This product contains the following ingredient(s) which are regulated under the Clean Air Act Section 112 hazardous air pollutants and is subject to all reporting requirements of CERCLA (Superfund). **None**

10) TRANSPORTATION INFORMATION:

PROPER SHIPPING NAME: Non-regulated

DOT HAZARD CLASS: Non-regulated