

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-2; Flammability-2; Reactivity-0; Special-0
Manufactured For: **Supercos Specialty Products**
Address: 25041 Anza Drive
Valencia, CA 91355

HMIS Rating: Health-2; Flammability-2; Reactivity-0; Personal Protection-B
DOT Hazard Classification: ORM-D
Identity (trade name as used on label):
COOL-CUT

Date Prepared: 04/01/93
Prepared By: ES
Information Calls: (661)775-8877
EMERGENCY RESPONSE NUMBER: 1(800)255-3924

MSDS Number: 1030
Revision: 10

NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
PETROLEUM OIL	64742-53-6	No	5mg/M3	5mg/M3	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Vapor Pressure: PSIG @ 70°F (Aerosols): Max. 60
Vapor Density (Air = 1): N/E
Solubility in Water: Insoluble
Appearance and Odor: Dark oil, with odor of sulfurized oils.

Specific Gravity (H₂O=1): Concentrate Only = 1.0
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A
Evaporation Rate (= 1): N/E
Water Reactive: No

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST
(aerosols) **NON-FLAMMABLE**
FLASH POINT AND METHOD USED (non-aerosols): N/A
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.

Auto Ignition Temperature
Flammability Limits in Air by % in Volume:
N/E % LEL: N/E % UEL: N/E
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY STABLE UNSTABLE
Incompatibility (Mat. to avoid): Strong oxidizers
Hazardous Decomposition Products: CO, CO₂, sulfur oxides.

HAZARDOUS POLYMERIZATION WILL WILL NOT OCCUR
Conditions to Avoid: Open flame, welding arcs, heat.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION INGESTION SKIN ABSORPTION EYE NOT HAZARDOUS
ACUTE EFFECTS
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.
Eye Contact: Irritant
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) Unknown.
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

Skin Contact: Irritation

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.
Protective Gloves: None, unless skin irritation a problem. **Eye Protection:** Safety glasses recommended.
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.
Other Protective Clothing & Equipment: None
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. Keep out of sewers and streams.
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.
Other Precautions &/or Special Hazards: **KEEP OUT OF REACH OF CHILDREN.** Avoid food contamination. Avoid breathing vapors.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only