

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-1; Flammability-1; Reactivity-0; Special-0 Manufacturer's Name: TRIPLE S Address: 141 Middlesex Tpke Burlington, MA 01803		HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B DOT Hazard Classification: ORM-D Identity (trade name as used on label): SSS UTILITY CLEANER	
Date Prepared: 03/01/93 Prepared By: ES/KD Information Calls: 800-323-2251 EMERGENCY RESPONSE NUMBER: 800-228-8436 x000		MSDS Number: 172 Revision: 13 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
AMMONIUM HYDROXIDE	1336-21-6	No	35	25	d
ISOPROPRANOL	67-63-0	Yes	400	400	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H ₂ O=1): Concentrate Only = 0.980
Vapor Pressure: PSIG @ 70°F (Aerosols): Max. 80	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: Soluble	Water Reactive: No
Appearance and Odor: White foam, mint fragrance and alcohol odor.	

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.	Auto Ignition Temperature: N/E Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 135°F or the container may rupture.	EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY (X) STABLE () UNSTABLE Incompatibility (Mat. to avoid): Strong oxidizers Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.	HAZARDOUS POLYMERIZATION () WILL (X) WILL NOT OCCUR Conditions to Avoid: Open flame, welding arcs, heat.
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SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: (X) INHALATION () INGESTION (X) 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: Slight irritation.
Skin Contact: Slight irritation.

Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.

CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause headache, dizziness, nausea, possible unconsciousness if vapor concentration exceeds TLV. Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycol Ether EB.
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

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 NIOSH to be used in a positive pressure mode.
Protective Gloves: Disposable latex gloves suggested.
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: Flush to sewer with water.
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