

SAF-T-LOK

International Corporation

Material Safety Data Sheet

HI-TEK CLEANER

Issue Date: 12/29/11

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: HTA-11
Product Type: Cleaner
Part Numbers: 85756
Hazard Rating: Health: 2 Fire: 4 Reactivity: 0

Company Identification: SAF-T-LOK International Corporation
300 EISENHOWER LANE NORTH
LOMBARD, IL 60148

Contact: Helen Sherry
Telephone/ Fax: (630) 495-2001
Emergency Phone (24 Hour): (703) 527-3887
Chemtrec (24 Hour): (800) 424-9300
Preparer: Ind. Hygiene Department
Internet: www.saftlok.com

Product Class: Mixture
DOT Hazard Class: Aerosols
Shipping Name: Flammable Gas

SECTION II - INGREDIENT AND HAZARD INFORMATION

Components	CAS#	OSHA PEL	ACGIH TLV	Percent
ISOPROPANOL	67-63-0	400 ppm	400 ppm	70-80
Isobutane	75-28-5	NA	NA	1-10
2-Butoxyethanol	111-76-250 ppm	25 ppm	1-10	

SECTION III - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

EMERGENCY OVERVIEW

Physical appearance: Aerosol

HMIS

Health: 2
Flammability: 4
Reactivity: 0
Personal Protection: B

WARNING; MAY CAUSE: EYE IRRITATION
SKIN IRRITATION
RESPIRATORY TRACT IRRITATION
MAY IRRITATE EXISTING ALLERGIC SKIN CONDITIONS

Relative routes of entry: Skin, Inhalation, Eyes

2-Butoxyethanol may cause corneal injury and blood abnormalities, may be absorbed through the skin with toxic effects, and may cause damage to spleen and testes.

Skin Contact: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye Contact: Liquid, aerosols, and vapors of this product are irritating and can cause pain, tearing, reddening, and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eye.

Respiratory/ Inhalation: May cause respiratory irritation, headache, nausea, fatigue, drowsiness, or impaired co-ordination. Prolonged inhalation may be harmful.

Ingestion: Not a likely route of exposure. But may be harmful or fatal if swallowed.

Medical conditions generally aggravated by over exposure: Heart Disease, Respiratory Conditions

SECTION IV – FIRST AID INSTRUCTIONS

Skin Contact: Remove contaminated clothing. Wash affected area with soap and rinse with plenty of water. Get medical attention if irritation persists. Wash clothing before reuse.

Eye Contact: Flush with water for at least 15 minutes holding eyelid open. Get medical attention if symptoms persist.

Respiratory / Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: Do not induce vomiting. Get medical attention immediately. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person.

SECTION V – FIRE FIGHTING INSTRUCTIONS

Flash Point:	-160°F (T. C.C.)
Unusual Fire and Explosion Hazards:	Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapors can travel to a source of ignition and flash back. Do not pressurize, cut, weld, braze, solder, drill, grind, or Expose such containers to heat, flame, sparks, static Electricity, or other sources of ignition.
Flammable Limits:	LEL:1.9, UEL: 8.5
Extinguishing Media:	Carbon Dioxide, Alcohol Foam, Dry Chemicals, Water fog
Fire Fighting Procedures:	Air mask, goggles, and procedures for fighting chemical fires Containers can build up pressure if exposed to heat.

SECTION VI -ACCIDENTAL RELEASE MEASURES

Special Precautions:	Avoid breathing vapors. Ventilate area. Remove all sources of ignition.
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Clean up methods:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
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SECTION VII - HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift.
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Storage:	Store in a cool location (60-90°F) in a well ventilated area away from sources of heat. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes.
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Personal Protection: None under normal use, avoid breathing vapors. In restricted Areas, use approved chemical / mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PIL / TLV limits.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation may be necessary to control Any air contaminants to within their TLVs during the use of this product.

Respiratory Protection: A NIOSH / MSHA approved air purifying respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin Protection: None necessary under normal use. Solvent resistant required for prolonged or repeated contact.

Eye Protection: Use of safety glasses with splash guards or full face shield is recommended.

Eye Washes: Eye wash stations should be located within 100 feet or 10 second walk of the work area.

Hygienic Practices: Wash hands before eating. Remove contaminated clothing And wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is Emptied because it may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Aerosol
Odor: Floral
Boiling Range: -11.7°F – 212°F
Freeze Point: ND
Vapor Pressure: 45
Specific Gravity: 0.9
Vapor Density (Air = 1): Heavier than air
pH: N/A
Melting Point: N/A
Evaporation Rate: Faster than Butyl Acetate
Solubility in Water: Soluble
Volatile Organic Compounds (VOC): ND

SECTION X –STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions
Hazardous Polymerization: Will not occur.
Hazardous decomposition byproducts: Oxides of carbon
Forms of chloride, chlorine, and phosgene.
Incompatibility: Strong oxidizing agents, acids, chlorine, ethylene oxide, Isocyanates, aluminum surfaces above 120°F.
Conditions to avoid: All sources of ignition, welding arcs, and open flames.

SECTION XI – TOXICOLOGICAL INFORMATION

Carcinogenicity:

NRP Carcinogen: No

IAE Monographs: No

OSHA Regulated: No

SECTION XII – ECOLOGICAL INFORMATION

No Information

SECTION XIII – DISPOSAL CONSIDERATIONS

Recommended method of disposal:

Dispose of according to Federal, State and local regulations.
Before attempting clean up, refer to other sections of this
MSDS for hazard caution information.

SECTION XIV – SHIPPING AND TRANSPORTATION INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper Shipping Name:

Aerosol / Consumer Commodity

Hazard Class or Division:

Flammable Gas/ ORM-D

Identification Number:

UN 1950

SECTION XV – REGULATORY INFORMATION

ND

SECTION XVI – OTHER INFORMATION

Revision date: 12/29/11

DISCLAIMER: The information on this material safety data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.