

MATERIAL SAFETY DATA SHEET

1

SEPTEMBER 25, 1990

TRADE NAME:

SAFE-SOLV

MANUFACTURER'S NAME:

SECTION I

DETCO INDUSTRIES, Incorporated

ADDRESS:

Hiway 65 South

Conway, AR 72032

EMERGENCY TELEPHONE:

501-329-6965

8am-5pm

Central time

For chemical emergency, spill, leak,
fire, exposure, or accident, call:

CHEMTREC - day or night

800-424-9300

TRADE NAME/SYNONYMS:

~~SAFE-SOLV~~

CHEMICAL PROD TYPE:

Solvent Cleaning Compound

FORMULA:

Proprietary

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME; (COMMON NAME OR SYNONYMS)	CAS NO	WT%	OSHA PEL	TLV	HAZARD(S)
*1,1,1-trichloroethane; (methylchloroform, Aerothene MM)	71-55-6	>1		350 ppm	irritant
*methylene chloride; (Aerothane MM)	75-09-2	>1		200 ppm	irritant
*perchloroethylene	127-18-4	>1		100 ppm	irritant, toxic
mineral spirits	64742-88-7	>1		100 ppm	irritant

* Products marked with an asterisk are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SECTION III - PHYSICAL DATA

Boiling Point (°F)	min 300
Vapor Pressure (mm Hg)	not available
Vapor Density (air = 1)	not available
Solubility in Water	negligible
Specific Gravity	0.800
Percent Volatile by Volume (%)	100
Evaporation Rate (ether = 1)	<1
Appearance and Odor	clear liquid; solvent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F)	min 400 TCC
FLAMMABLE LIMITS	normally non-flammable
EXTINGUISHING MEDIA	chemical foam, CO2

SPECIAL FIREFIGHTING PROCEDURES Wear protective boots, suits, gloves, face shield, hardhat and NIOSH approved self-contained breathing apparatus. Use water fog to cool adjacent containers. If any liquid product enters public waters or sewers, immediately notify the proper authorities.

UNUSUAL FIRE AND EXPLOSION HAZARDS Decomposition or burning can produce hydrogen chloride or possible traces of phosgene.

DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION. SELLER ASSUMES NO RESPONSIBILITY FOR INJURY TO BUYER OR THIRD PERSONS CAUSED BY THE MATERIAL IF PROPER SAFETY PROCEDURES ARE NOT ADHERED TO OR IF ABNORMAL USE IS MADE OF THE MATERIAL. BUYER ASSUMES THE DISCLOSED RISKS OF THE USE OF THE MATERIAL. IN NO EVENT WILL SELLER BE LIABLE TO BUYER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS MATERIAL.

MATERIAL SAFETY DATA SHEET

TRADE NAME:

2

SEPTEMBER 25, 1990
SAFE-SOLV

CARCINOGENICITY

PRIMARY ROUTES OF ENTRY

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

SECTION V - HEALTH HAZARD DATA

NTP: NO

IARC: NO

OSHA: NO

Inhalation, Ingestion & Skin
not available

EYES: Contact may cause stinging or burning, intense watering, conjunctivitis (inflammation of the eyes).

SKIN: Contact may cause drying of the skin, cracking with irritation.

INHALATION: May cause irritation of nose, eyes, and throat, coughing, dizziness, nausea, difficulty in breathing, chemical bronchitis, asphyxia.

INGESTION: May cause irritation and burning sensation of lips, mouth, and throat, gastrointestinal irritation, stomach cramps, nausea and vomiting, coma.

EMERGENCY FIRST AID PROCEDURES

EYES: Immediately flush eyes with running water for at least fifteen minutes. If pain and/or irritation persists, get medical attention.

SKIN: Remove contaminated clothing immediately and flush affected area with water for at least fifteen minutes. If pain or irritation persists, get medical attention. Launder clothing before reusing.

INHALATION: Move victim to fresh air, lay him down with legs raised, loosen collar and belt, and cover with a blanket. If breathing is difficult, give oxygen administered by a trained individual. If not breathing, administer artificial respiration and then administer oxygen. Get medical attention.

INGESTION: If swallowed - DO NOT INDUCE VOMITING! Keep victim warm and quiet. Get immediate medical attention. Do not give anything by mouth to an unconscious person.

SECTION VI - REACTIVITY DATA

STABILITY :

Normally stable

CONDITIONS TO AVOID:

High temperatures

INCOMPATIBILITY: Avoid contact with strong oxidizing agents or other reactive materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Undefined organics

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Provide maximum ventilation. Maintain ventilation throughout clean-up procedure. Only personnel equipped with appropriate respiratory and eye/skin protection should be allowed in area. Dike area and pump spilled material into metal containers for disposal or reclaiming. Remove any remaining material by absorbing on sawdust or vermiculite and place in metal containers for disposal. After all visible traces have been removed, thoroughly wet vacuum area of spill. If area of spill is porous, remove as much contaminated earth, gravel, etc., as soon as possible, and place in closed containers for disposal.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Respirator may be worn by persons sensitive to fumes.

VENTILATION: Local exhaust as needed to control fumes.

EYE PROTECTION: Face shield or safety goggles.

PROTECTIVE GLOVES: Rubber

OTHER PROTECTIVE EQUIPMENT: Eye wash, safety shower, local water supply, in case of eye or skin contact or spills.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place.

OTHER PRECAUTIONS: None required.