

MATERIAL SAFETY DATA SHEET

THINNER

SECTION I - IDENTIFICATION

MANUFACTURER'S NAME..... STARKEY CHEMICAL PROCESS COMPANY
9600 W OGDEN AVE
LAGRANGE, IL 60525
1-800-323-3040
EMERGENCY PHONE NUMBER... INFOTRAC 1-800-535-5053
RESELLER'S NAME..... n/a
EFFECTIVE DATE..... 11/96
REVISED DATE..... 1/99 [REV. DATE ONLY 01/02/06]
PRODUCT IDENTIFIER..... AT1
TRADE NAME..... THINNER
CHEMICAL FAMILY..... Aliphatic Hydrocarbon

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	PERCENT	TLV (Units)	CAS NUMBER
Heptane	100%	400 ppm	142-82-5

SPECIAL...

SECTION III - PHYSICAL DATA

BOILING POINT..... 200°F
FREEZING POINT..... not established
VOLATILITY/VOL(%)..... 87%
MELTING POINT..... not established
VAPOUR PRESSURE..... 76 mm HG at 20°C
VAPOUR DENSITY (air=1)... 3.5
SOLUBILITY IN H2O..... nil
ODOUR AND APPEARANCE..... Clear colorless liquid with solvent odor.
SPECIFIC GRAVITY..... 0.70
EVAPORATION RATE..... 6.4
pH..... n/a

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION..... 19°F tag closed cup
LOWER EXPLOSION LIMIT(% BY VOL)..... 1.9
UPPER EXPLOSION LIMIT(% BY VOL)..... 11.6
MEANS OF EXTINCTION..... Carbon dioxide, dry chemical, foam
FOR FIRE..... Wear self-contained breathing apparatus with a full face mask.

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EXPLOSION DATA..... Vapors are heavier than air and may travel along the ground. This could cause ignition by pilot light, sparks, heaters, smoking, electric motor, static discharge or other ignition sources. Never weld or cut empty drums.

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SECTION V - HEALTH HAZARD DATA
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ROUTES OF ENTRY

SKIN CONTACT	SKIN ABSORPTION	EYE	INHALATION	INGESTION
yes	yes	yes	yes	yes

ACUTE AND CHRONIC OVER EXPOSURE EFFECTS.....

Anemia, liver abnormalities, kidney damage, lung damage.

CARCINOGENICITY,

REPRODUCTIVE EFFECTS.... none known

SYMPTOMS..... Eye contact will cause tearing and blurred vision. Skin contact may cause dried skin and irritation. Inhalation can cause headache, nausea, vomiting, narcosis. Ingestion can cause nausea.

SENSITIZATION TO MATERIAL SPECIFIC FIRST AID PROCEDURES..... not determined

EYES - Flush with water for 15 minutes. Seek medical attention.
SKIN - Wash thoroughly with soap and water. If irritation persists, seek medical attention.
INHALATION - Remove to fresh air. If breathing is difficult, seek medical attention
INGESTION - If conscious, DO NOT induce vomiting. Seek medical attention.

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SECTION VI - REACTIVITY DATA
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CHEMICAL STABILITY..... stable

CONDITIONS OF REACTIVITY. Open flame and excessive heat.

INCOMPATIBLE MATERIALS... Strong oxidizing agents.

HAZARDOUS DECOMPOSITION

PRODUCTS..... Carbon monoxide, carbon dioxide, hydrocarbons and other acrid products of combustion.

HAZARDOUS POLYMERIZATION. will not occur

POLYMERIZATION AVOID..... n/a

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SECTION VII - SPILL OR LEAK PROCEDURE
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LEAK AND SPILL PROCEDURES Extinguish all sources of ignition. Collect on safety absorbents and dispose of properly.

WASTE DISPOSAL..... Treat as a flammable waste in compliance with the EPA regulations. Dispose of in accordance with local, state and federal regulations.

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SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION... Cartridge type chemical filter mask is required if TLV limits are exceeded.
VENTILATION..... Good general recommended.
PROTECTIVE GLOVES..... Chemically resistant such as neoprene rubber.
EYE PROTECTION..... OSHA approved full face mask.
OTHER PROTECTIVE EQUIPMENT..... n/a
HANDLING PROCEDURES AND EQUIPMENT..... Treat as a flammable liquid. Store as prescribed Class I/Group D Flammable Liquids. Keep away from sources of heat such as direct sun, boilers, etc. Avoid sparks and open flames.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS..... 3 (Flammable Liquid) 2 HMIS HEALTH
DOT SHIPPING NAME... Heptane 3 HMIS FLAMMABILITY
UN NUMBER..... 1206 0 HMIS REACTIVITY
NA #..... n/a C HMIS PERSONAL PROTECTION
OTHER.....

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