

SC 10279
SC 10280
SC 10282

MATERIAL SAFETY DATA SHEET

CHEMICAL SPOORS, INC.
P.O. BOX 313
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PRODUCT NUMBER: A1494, A1495, A1500, A1501
DATE PREPARED: 4-26-85
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SECTION I - IDENTIFICATION

CHEMICAL NAME: Acetone
TRADE NAMES OR SYNONYMS: - DMKs; Dimethyl Ketone
CHEMICAL FAMILY: Ketone
FORMULA: CH_3COCH_3

SECTION II - HAZARDOUS INGREDIENTS

	%	TLV
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*TLV NOT AVAILABLE

SECTION III - PHYSICAL DATA

BOILING POINT (°F): 133
VAPOR PRESSURE (mm Hg): 186 @ 68°F
VAPOR DENSITY (AIR = 1): 2.0
SOLUBILITY IN WATER: complete
SPECIFIC GRAVITY: 0.8 @ 60/60°F
PERCENTAGE VOLATILE BY VOLUME: 100%
EVAPORATION RATE (Butyl Acetate = 1): 5.6
APPEARANCE AND ODOR: Colorless, mobile liquid. Mild odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FIRE AND EXPLOSION HAZARD SUMMARY: Danger. Extremely flammable.

FLASH POINT: (1.5° C CLOSED CUP) (OPEN CUP) FLAMMABLE LIMITS: LEL = 2.6UEL = 12.8
EXTINGUISHING MEDIA: Use water fog, "alcohol" foam, dry chemical, or CO_2 .

SPECIAL FIREFIGHTING PROCEDURES: Clear fire area of unprotected personnel & isolate. Do not enter confined fire space without full bunker gear (helmet, eye protection, gloves & rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled w/large quantities of water as needed to prevent weakening of container structure.

SECTION V - HEALTH HAZARD DATA

HEALTH HAZARD SUMMARY: Prevent inhalation of high concentrations, do not ingest.

THRESHOLD LIMIT VALUE: 1000 ppm

SKIN, EFFECTS OF OVEREXPOSURE:

SKIN, FIRST AID PROCEDURES: Remove contaminated clothing/shoes and wash skin with soap and water. Do not reuse clothing until cleaned. If persistent irritation occurs, get medical attention.

EYES, EFFECTS OF OVEREXPOSURE:

EYES, FIRST AID PROCEDURES: Flush with water for 15 minutes while holding eyelids open. Get medical attention.

INHALATION, EFFECTS OF OVEREXPOSURE:

INHALATION, FIRST AID PROCEDURES: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

INGESTION, EFFECTS OF OVEREXPOSURE:

INGESTION, FIRST AID PROCEDURES: Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting by touching finger to back of throat. Keep victim's head below hips while vomiting. Get medical attention.

SECTION VI - REACTIVITY DATA

STABILITY: XX STABLE UNSTABLE

CONDITIONS TO AVOID: Keep liquid and vapor away from heat, sparks, and flame. Prevent vapor accumulation.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION: WILL OCCUR
CONDITIONS TO AVOID: None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

WASTE DISPOSAL METHOD: Place in a incinerator or a disposal facility approved under RCRA regulations for hazardous waste. Use non-leaking containers, seal tightly, and label properly.

This disposal method is a recommendation only. Be sure to dispose of materials in full accordance with all local, state, and federal regulations applicable.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: If exposure exceeds exposure limits, use a organic vapor respirator
VENTILATION: General

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Splash Goggles

OTHER PROTECTIVE EQUIPMENT: Use explosion-proof ventilation as required to control vapor

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DANGER! EXTREMELY FLAMMABLE!. Keep liquid & vapor away from heat, sparks, & flames. Surfaces that are sufficiently hot may ignite liquid material in the absence of sparks or flame.

OTHER PRECAUTIONS: WARNING! CAUSES EYE IRRITATION. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Wash thoroughly after handling. Air-dry contaminated clothing in a well ventilated area, then launder before reusing.

We recommend obtaining a copy of the "Directory of Poison Control Centers - To obtain a copy write Superintendent of Documents, U.S. Government Printing Office, Washington D.C.

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