

ALDON "PREMIUM STRIPPER"
ALDON CORPORATION
800-942-5366

MATERIAL SAFETY
DATA SHEET Emergency number 800-535-5053 or 352-323-3500

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I. GENERAL INFORMATION

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PRODUCT NAME : "Aldon PREMIUM STRIPPER"
MANUFACTURER : Aldon Corporation
DOT HAZARD CLASSIFICATION: Consumer Comodity ORM-D CHEMICAL FAMILY: Mixture
TOXIC LIQUID, ORGANIC, N.O.S. (DICHLOROMETHANE, AROMATIC DISTILLATE), 6.1,
UN2810, PG III

EFFECTIVE DATE: 11/22/04

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II. HAZARDOUS INGREDIENTS

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MATERIAL	CAS#	AMOUNT	TLV
Xylene	1320 -20-7	less than 3%	100 ppm
Dichloromethane	75-09-2	85-89%	25 ppm
Methanol	67-56-1	5-10%	200 ppm

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III. PHYSICAL DATA

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FLASH POINT (TEST METHOD) : Setaflash closed tester - no flash to 200 F.
BOILING POINT (DEGREES F): app. 104
VAPOR PRESSURE(MM HG.) : app. 350 @ 20C PERCENT VOLATILE : app. 86
VAPOR DENSITY(AIR=1) : app. 2.9 EVAPORATION RATE (ether=1): app. .7
SOLUBILITY IN WATER : @25C, 1.32/100g REACTIVITY IN WATER : none
APPEAR.& ODOR : colorless thick liquid with waxy float and sweet odor. PH : na

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IV. FIRE & EXPLOSION HAZARD DATA

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A flammable vapor/air mixture forms at elevated temperatures. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Firefighter should wear full-face, self-contained breathing apparatus and protective clothing. Vapors are irritating to the respiratory tract and may cause breathing difficulty.
Extinguishing media: Water fog / Foam / Dry Chemical / Carbon Dioxide

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V. HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE OF PRODUCT
Not established (suggested TLV is 100 ppm)

Carcinogenicity: Methylene Chloride has been evaluated for possible cancer causing effects in laboratory animals. Inhalation studies at concentrations of 2,000 and 4,000 ppm increased the incidence of malignant liver and lung tumors in mice. Three inhalation studies of rats have shown

increased incidence of benign mammary gland tumors in female rats at concentrations of 500 ppm and above and increases in benign mammary gland tumors in males at concentrations of 1,500 ppm and above. Rats exposed to 50 and 200 ppm via inhalation showed no increased incidence of tumors. Mice and rats exposed by ingestion at levels up to 25mg/kg/day lifetime and hamsters exposed via inhalation to concentrations up to 3,500 ppm lifetime did not show an increased incidence of tumors.

The International Agency for Research on Cancer (IARC) has concluded that, with respect to methylene chloride, there is sufficient evidence of the carcinogenicity to experimental animals and inadequate evidence of the carcinogenicity to humans, resulting in a classification as a 2B animal carcinogen – The NTP has identified methylene chloride as an animal carcinogen.

Methylene chloride is listed on the IARC and NTP carcinogen lists but not by OSHA. The State of California has listed methylene chloride under Proposition 65 as a chemical known to the state to cause cancer .

Epidemiology studies of 751 humans chronically exposed to methylene chloride in the workplace of which 252 were exposed for a minimum of 20 years did not demonstrate any increase in deaths caused by cancer or cardiac problems. A second study of 2,227 workers confirmed these results.

There are also some human epidemiological studies which show an association between occupational exposure to MC and increases in biliary (bile duct) cancer and a type of brain cancer. Other epidemiological studies have not observed a relationship between MC exposure and cancer. OSHA interprets these results to mean that there is suggestive (but not absolute) evidence that MC is a human carcinogen.

Reproductive Toxicity: Reproductive toxicity tests have been conducted to evaluate the adverse effects

methylene chloride may have on reproduction and offspring of laboratory animals. The results indicate that methylene chloride does not cause birth defects in laboratory animals.

EFFECTS OF OVEREXPOSURE:

Severe irritation and burning to skin and eyes. Depresses central nervous system due to inhalation.

EMERGENCY AND FIRST AID PROCEDURE:

Eyes: Immediately flush with plenty of water for at least 15 min. holding eyelids apart to ensure

flushing of the entire eye surface. Get medical attention immediately.

Skin: Wash affected area with plenty of water for at least 15 minutes. Remove contaminated clothing; launder before reuse. If irritation persists, contact a physician.

Inhalation: Move subject to fresh air. If breathing stops, administer artificial respiration and get

medical attention immediately.

Ingestion: Do not induce vomiting. Give victim large quantities of water. If vomiting does occur, give

fluids again. Get medical attention immediately. Do not give anything by mouth to an unconscious or convulsing person.

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VI. REACTIVITY DATA

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STABILITY: n/a

INCOMPATIBILITY: Strong alkalis and oxidizing material. Avoid contact with open flame, hot

surfaces, or electric arcs.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen Chloride, Phosgene (small amounts)

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VII. ENVIRONMENTAL PROTECTION PROCEDURES
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SPILL RESPONSE: Evacuate spill area and remove sources of combustion or extreme heat. Ventilate the area. Spills should be contained and recovered where possible. Mop up or absorb with a suitable absorbent such as clay, sawdust or litter. Wear protective clothing to prevent skin and eye contact. Avoid breathing vapors.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, state and local regulations. Do not allow material to enter streams, lakes, or ground water.

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VIII. SPECIAL PROTECTION INFORMATION
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EYE PROTECTION: Safety goggles SKIN PROTECTION: solvent resistant gloves, boots, apron.

RESPIRATORY PROTECTION (SPECIFIC TYPE): Wear approved organic vapor type respirator when vapor concentration exceeds 100 ppm.

VENTILATION RECOMMENDED: General, local exhaust preferable. Avoid entrance of fumes into air conditioning ducts.

OTHER PROTECTION: none normally needed

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IX. SPECIAL PRECAUTIONS
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HYGIENIC PRACTICES IN HANDLING & STORAGE: Avoid contact with skin and avoid breathing vapors. Wash thoroughly with soap and water after use. Limit storage to approved areas. Store in a cool area.

Prevent moist air from entering storage. Contact with aluminum parts in a pressurizable fluid system may cause violent reaction.

OTHER PRECAUTIONS: Replace container closures on containers when not in use. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

DISPOSAL OF EMPTY CONTAINERS: Remove all liquid product and return to drum reconditioner or dispose in acceptable dump site. Caps and bungs should be placed on empty containers.

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X. USER'S RESPONSIBILITY
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The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

SUPPLIER NOTIFICATION REQUIREMENT
SARA TITLE III

This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

This notification is required to be made each year with at least the first shipment of each mixture or trade name product to each recipient beginning January 1, 1989.

This notification must not be detached from this Material Safety Data Sheet (MSDS). Any copying and redistribution of this MSDS shall include copying and redistribution of this notification.

This mixture or tradename product contains the following toxic chemicals:

<u>SARA TITLE III</u> <u>TOXIC CHEMICAL</u>	<u>CAS#</u>	<u>MAXIMUM PERCENT BY WEIGHT</u> <u>TOXIC CHEMICAL</u>
DICHLOROMETHANE	75-09-2	89%

Hazard Rating:

4=extreme

3=high

2=moderate

1=slight

0=insignificant

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toxicity

special

fire

reactivity