

COMPLETE WITH USDL SAFETY AND HEALTH REGULATIONS, (29 CFR 1910.1200)

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I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DATE: 2/1/09
TRADE NAME: CHEMSAFE 310-C (CARB COMPLIANT)
GENERAL OR GENERIC ID: SOY BASED ADHESIVE REMOVER
MANUFACTURED FOR: ARAMSCO
1480 GRANDVIEW AVE.
THOROFARE, NJ 08086
(800) 767-6933
24 HOURS TRANSPORTATION EMERGENCY NUMBER: CHEM-TREC (800) 424-9300

HMIS RATING: HEALTH (1) FIRE (1) REACTIVITY (0)
4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 = INSIGNIFICANT * = CHRONIC HAZARD

II COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	ACGIH TLV	OSHA PEL	% OPTIONAL
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	NE	NE	5-12 (Right to know inventory)

OTHER COMPONENTS WITHIN THIS PRODUCT ARE NOT REPORTABLE ACCORDING TO OSHA 29CFR 1920-1200

NE=NOT ESTABLISHED

III PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE: > 300° F
VAPOR PRESSURE (mm hg): N/A
VAPOR DENSITY, (AIR = 1): > 1
SOLUBILITY IN WATER: EMULSIFIES
APPEARANCE AND ODOR: CLEAR AMBER LIQUID, ODORLESS

SPECIFIC GRAVITY (WATER = 1): .875
MELTING POINT: N/A
EVAPORATION RATE (BUTYLACETATE = 1): < 1
PERCENT VOLATILE: CARB COMPLIANT

IV FIRE AND EXPLOSION DATA

FLASH POINT, (METHOD USED): 295° F
EXTINGUISHING MEDIA: CO₂; WATER FOG; DRY CHEMICAL; CHEMICAL FOAM
FIRE FIGHTING PROCEDURES: KEEP DRUMS COOL WITH WATER SPRAY TO PREVENT DRUM RUPTURE DUE TO STEAM BUILDUP; FLOOR WILL BECOME SLIPPERY IF MATERIAL IS RELEASED.
UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO POSSIBLE IGNITION SOURCES.

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

V REACTIVITY DATA

STABILITY DATA: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG ACIDS/STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: THERMAL DECOMPOSITION MAY YIELD CO AND CO₂
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: EXTREME TEMPERATURES

VI HEALTH HAZARD DATA

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SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: PROLONGED EXPOSURE MAY RESULT IN IRRITATION. REMOVE TO FRESH AIR; IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION

SKIN: PROLONGED CONTACT MAY CAUSE SLIGHT IRRITATION, AND OR DRY OUT THE SKIN. REMOVE CONTAMINATED CLOTHING; WASH AREA WITH WATER; IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.

EYES: CONTACT WITH EYES MAY CAUSE IRRITATION.. FLUSH WITH WATER FOR 15 MIN. IF IRRITATION PERSISTS, SEEK PHYSICIAN.

INGESTION: MAY CAUSE GASTRIC DISTRESS, VOMITING OR DIARRHEA. MATERIAL MAY ENTER LUNGS DURING SWALLOWING OR VOMITING AND CAUSE INFLAMATION AND OR DAMAGE. SEEK MEDICAL ATTENTION

HEALTH HAZARDS (ACUTE AND CHRONIC): POSSIBLE HEADACHE AND DIZZINESS DISCOMFORT; NO KNOWN CHRONIC EFFECTS HAVE BEEN ESTABLISHED.

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PREEXISTING SKIN, EYE OR RESPIRATORY DISORDERS MAY BECOME AGGRAVATED THROUGH POROLONGED EXPOSURE.

VII PRECAUTIONS FOR DISPOSAL, SAFE HANDLING, AND USE

SPILLS: SMALL SPILLS: ABSORB WITH VERMICULITE OR OTHER ABSORBENT
LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES. CONFINE SPILL, SOAK UP WITH APPROVED ABSORBANT, SHOVEL PRODUCT INTO APPROVED CONTAINER FOR DISPOSAL.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM ABUSE AND EXTREME TEMPERATURES.

OTHER PRECAUTIONS: KEEP THIS AND OTHER CHEMICALS OUT OF REACH OF CHILDREN. MINIMIZE BODY CONTACT WITH THIS PRODUCT AND ALL CHEMICALS.

VIII CONTROL MEASURES

RESPIRATORY PROTECTION: IF WORKPLACE EXPOSURE LIMITS OF PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED CONDITIONS. DO NOT INHALE MISTS OR VAPORS.

VENTILATION: MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S

PROTECTIVE GLOVES: NEOPRENE OR RUBBER FOR PROLONGED CONTACT

EYE PROTECTION: SAFETY GLASSED w/SIDE SHIELDS

WORK/HYGIENIC PRACTICES: EXHIBIT NORMAL SAFE WORKPLACE HABITS.

IX TRANSPORTATION

DOT SHIPPING NAME: CLEANING COMPOUND, LIQUID **PLACARDING:** NOT D.O.T. REGULATED

HAZARD CLASS: N/A **IDENTIFICATION NO:** N/A **PACKING GROUP:** N/A

RQ (REPORTABLE QUANTITY): N/A

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SPECIAL PRECAUTIONS / OTHER COMMENTS: The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.