



24 Madison Road, Fairfield, New Jersey 07004, USA
 Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
 email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: **Chemtrek Emergency Telephone No.: 800-424-9300**
 JEEN International Corp. **Chemtrek International Telephone No.703-527-3887 (Collect Calls Accepted)**
 24 Madison Road
 Fairfield, NJ 07004
 Telephone # 973-439-1401
 Revision Date: October 29, 2013

WARNING! MAY CAUSE IRRITATION!
 AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID BREATHING VAPOR OR MIST, USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

PRODUCT: **JEECOL SA-1**
 SYNONYMS: ETHOXLATED STEARYL ALCOHOL
 CHEMICAL: ETHOXYLATED ALCOHOL
 CAS NUMBER: 9005-00-9
 HMIS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: B

SECTION II - HAZARDOUS INGREDIENTS

COMPOSITION:	%	PEL/TLV	HAZARD
POE (1) STEARYL ALCOHOL	99	NONE/NONE	NONE NOTED

SECTION III - HEALTH INFORMATION

INHALATION: UNKNOWN
 INGESTION: UNKNOWN
 EYE CONTACT: SOME ETHOXYLATED COMPOUNDS SIMILAR TO JEECOL SA-1 HAVE BEEN KNOWN TO CAUSE VARYING DEGREES OF EYE IRRITATION.
 SKIN CONTACT: SOME ETHOXYLATED COMPOUNDS SIMILAR TO JEECOL SA-1 HAVE BEEN KNOWN TO CAUSE VARYING DEGREES OF SKIN IRRITATION.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL: NO OSHA PEL
 TLV: NO ACGIH TLV

SECTION V - EMERGENCY FIRST AID PROCEDURE

FOR OVEREXPOSURE BY SWALLOWING: IF VICTIM IS CONSCIOUS AND ABLE TO SWALLOW, PROMPTLY HAVE VICTIM DRINK MILK OR WATER TO DILUTE. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICES, OR VINEGAR. NEVER GIVE ANYTHING BY MOUTH IF THE VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. INDUCE VOMITING ONLY IF ADVISED BY PHYSICIAN OR POISON CONTROL CENTER. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

FOR OVEREXPOSURE BY SKIN CONTACT: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE.

FOR OVEREXPOSURE BY EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. DO NOT LET VICTIM RUB EYES. GET MEDICAL ATTENTION IMMEDIATELY.

FOR OVEREXPOSURE BY INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY BY MOUTH-TO-MOUTH. GET MEDICAL ATTENTION IMMEDIATELY.



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SECTION VI - PHYSICAL DATA

BOILING POINT:	NOT ESTABLISHED
MELTING POINT:	APPROXIMATELY 37°F C.O.C.
VAPOR PRESSURE:	NOT ESTABLISHED
SPECIFIC GRAVITY:	0.87 AT 105 DEG F
VAPOR DENSITY (AIR=1):	GREATER THAN 1
SOLUBILITY IN WATER:	DISPERSIBLE
APPEARANCE AND COLOR:	SOLID

SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT & METHOD USED:	GREATER THAN 350°F C.O.C.
AUTO-IGNITION TEMPERATURE:	NOT ESTABLISHED
FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER:	NOT ESTABLISHED
FLAMMABLE LIMITS IN AIR, % BY VOL. UPPER:	NOT ESTABLISHED
NFPA RATING:	NO NFPA RATING
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:	USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM THE FIRE AND DILUTE SPILLS TO NONFLAMMABLE MIXTURES.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACEPIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.

SECTION VIII- REACTIVITY

STABILITY:	GENERALLY STABLE
HAZARDOUS POLYMERIZATION: CONDITIONS & MATERIALS TO AVOID:	NONE LIKELY KEEP AWAY FROM HEAT AND FLAMES. AVOID CONTACT WITH OXIDIZING MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCT:	DECOMPOSITION OF ORGANIC MATERIALS MAY PRODUCE OXIDES OF CARBON.

SECTION IX - EMPLOYEE PROTECTION

CONTROL MEASURES:	HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.
RESPIRATORY PROTECTION:	WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE CRITERIA (SEE SECTIONS II AND IV), USE NIOSH/OSHA APPROVED RESPIRATORY EQUIPMENT. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINATION IN AIR AND IN ACCORDANCE WITH OSHA (29 CFR 1910.134).
PROTECTIVE CLOTHING:	WEAR GLOVES AND PROTECTIVE CLOTHING WHICH ARE IMPERVIOUS TO THE PRODUCT FOR THE DURATION OF ANTICIPATED EXPOSURE IF THERE IS POTENTIAL FOR SKIN CONTACT.
EYE PROTECTION:	WEAR SAFETY GLASSES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 WHERE NO CONTACT WITH THE EYE IS ANTICIPATED. CHEMICAL SAFETY GOGGLES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 SHOULD BE WORN WHENEVER THERE IS THE POSSIBILITY OF SPLASHING OR OTHER CONTACT WITH EYES.



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SECTION X - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS:

AVOID UNCONTROLLED RELEASES OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED.

SPILL OR LEAK PRECAUTIONS:

WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING AS DESCRIBED IN SECTION IX. CONTAIN SPILL MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS.

WASTE DISPOSAL:

ALL RECOVERED MATERIAL SHOULD BE PACKED, LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. AVOID LANDFILLING OF LIQUIDS. RECLAIM WHERE POSSIBLE.

SECTION XI - REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION:

DOT CLASSIFICATION: NOT REGULATED

DOT PROPER SHIPPING NAME: JEECOL SA-1

OTHER DOT INFORMATION: NONE

OTHER REGULATORY REQUIREMENTS: LISTED IN TSCA INVENTORY

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

CONTAINER HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES, ALL HAZARD PRECAUTIONS DESCRIBED ON THIS MSDS MUST BE OBSERVED. TAKE PRECAUTIONS TO AVOID CONTAINER DAMAGE WHILE HANDLING AND STORING.

XIII - OTHER REGULATORY CONTROLS

OTHER REGULATORY CONTROLS:

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

THIS PRODUCT CONTAINS THE TOXIC CHEMICAL OR CHEMICALS LISTED BELOW, WHICH ARE SUBJECT TO THE SUPPLIER NOTIFICATION REQUIREMENTS OF SECTION 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 ("SARA") AND THE REQUIREMENTS OF 40 CFR PART 372.

SARA: REGULATED UNDER SECTION 313, CONTAINS A GLYCOL ETHER.

GLYCOL ETHER: 30%

THIS NOTICE MUST NOT BE DETACHED FROM THE FOREGOING MSDS. IF THE MSDS IS COPIED FOR ANY REASON, INCLUDING DISTRIBUTION, THIS NOTICE MUST ALSO BE COPIED AND ACCOMPANY ALL REDISTRIBUTED MSDS'. FAILURE TO DO SO MAY SUBJECT YOU TO PENALTIES UNDER LAW.

OSHA HEALTH HAZARDS:

EYE HAZARD

IRRITANT

SKIN HAZARD

HAZARD COMMUNICATION LABEL: 101.2

SARA HAZARD CLASS:

ACUTE: YES CHRONIC: NO FIRE HAZARD: NO PRESSURE: NO REACTIVITY: NO



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XIV - OTHER REGULATORY CONTROLS

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