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Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
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MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: JEEN INTERNATIONAL CORPORATION
24 MADISON ROAD
FAIRFIELD, NJ 07004
Telephone # 973-439-1401
Chemtrec Emergency Telephone No.: 800-424-9300
Chemtrec International Telephone No.: 703-527-3887 (Collect Calls Accepted)

DANGER! CAUSES SEVERE BURNS!
DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. USED WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

PRODUCT: **JEECOL LA-3**
SYNONYMS: LAURETH-3
CHEMICAL: ETHOXYLATED ALIPHATIC ALCOHOL
CAS NUMBER: 68551-12-2

SECTION II - HAZARDOUS INGREDIENTS

COMPOSITION:	%	PEL/TLV	HAZARD
POE (3) LAURYL ALCOHOL	99	NONE/NONE	IRRITANT (EYE) CORROSIVE (SKIN)

SECTION III - HEALTH INFORMATION

INHALATION: UNKNOWN
INGESTION: LD50:1-5 G/KG (RAT); LD50:1.17 G/KG (MOUSE);
LD50:0.38 G/KG (GUINEA PIG).
EYE CONTACT: CONCENTRATED POE (3) LAURYL ALCOHOL CAUSES SEVERE EYE IRRITATION. DRAIZE TESTING OF 20% AQUEOUS SOLUTION IS MILDLY IRRITATING TO RABBIT EYES WITHOUT WASHOUT AND NON IRRITATING WITH WASHOUT.
SKIN CONTACT: PRIMARY SKIN IRRITATION INDEX: 7.50 (RABBIT). 6 MG OF POE (3) LAURYL ALCOHOL APPLIED TO THE SKIN OF HUMANS OVER A PERIOD OF 3-DAYS (INTERMITTENT) RESULTED IN MODERATE IRRITATION. 75 MG OF POE (3) LAURYL ALCOHOL APPLIED TO THE SKIN OF RABBITS OVER A 24-HOUR PERIOD RESULTED IN MILD IRRITATION. OCCLUDED PATCH TESTS SHOW THAT POE (3) LAURYL ALCOHOL IS EXTREMELY IRRITATING AND CORROSIVE TO THE SKIN OF RABBITS. DOT CORROSIVITY TESTS SHOW THAT POE (3) LAURYL ALCOHOL IS NOT CORROSIVE BUT IS A SEVERE IRRITANT.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL: NO OSHA PEL
TLV: NO ACGIH TLV



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SECTION V - EMERGENCY FIRST AID PROCEDURE

FOR OVEREXPOSURE
BY SWALLOWING:

DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS AND ABLE TO SWALLOW, PROMPTLY HAVE VICTIM DRINK 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. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

FOR OVEREXPOSURE
BY SKIN CONTACT:

IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IMMEDIATELY. 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.

SECTION VI - PHYSICAL DATA

BOILING POINT:	NOT DETERMINED
MELTING POINT:	LIQUID AT ROOM TEMPERATURE
VAPOR PRESSURE:	NOT ESTABLISHED
SPECIFIC GRAVITY:	0.95 TO 25 DEG C
VAPOR DENSITY (AIR=1):	GREATER THAN 1
SOLUBILITY IN WATER:	DISPERSIBLE
APPEARANCE AND COLOR:	COLORLESS LIQUID

SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT & METHOD USED:	355 DEG F (179 DEG C) C.O.C.
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:

(INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE FIGHTING PROCEDURES FOR WHICH THEY HAVE BEEN TRAINED). 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.



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SECTION VIII- REACTIVITY

STABILITY: GENERALLY STABLE
HAZARDOUS POLYMERIZATION: NONE LIKELY
CONDITIONS & MATERIALS TO AVOID: KEEP AWAY FROM HEAT AND FLAMES.AVOID CONTACT WITH OXIDIZING MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCTS: 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.

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:
OTHER DOT INFORMATION: OTHER REGULATORY REQUIREMENTS: LISTED IN TSCA INVENTORY

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

STORE IN COOL, DRY, WELL-VENTILATED AREAS AWAY FROM SUNLIGHT. STORE ONLY IN APPROVED CONTAINERS, UNDER APPROVED CONDITIONS. AN AUTOMATIC WATER SPRAY DEVICE SHOULD BE IMMEDIATELY AVAILABLE. SEGREGATE ACIDS FROM BASES. TREATMENT AGENTS FOR THE NEUTRALIZATION OF SPILLS SHOULD BE AVAILABLE AND A SPILL CONTROL AND CONTAINMENT PLAN SHOULD BE PROVIDED. STORAGE AREA SHOULD NOT BE SUBJECT TO RAPID TEMPERATURE CHANGES. SUCH CHANGES MAY CAUSE INCREASED INTERNAL PRESSURE, RAPID EXPANSION OR CONTRACTION OF METAL CONTAINERS RESULTING IN LEAKAGE. STRUCTURAL MATERIALS SHOULD BE RESISTANT TO CORROSION BY THE PRODUCT. ISOLATE FROM TOXIC MATERIALS; SUBSTANCES THAT MAY RELEASE CORROSIVE, TOXIC, OR FLAMMABLE FUMES ON REACTION; ORGANIC MATERIALS; FLAMMABLE SUBSTANCES; STRUCTURAL MATERIALS SUBJECT TO CORROSION BY THIS PRODUCT.
CONTAINER HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES, ALL HAZARD

PRECAUTIONS DESCRIBED ON THIS MSDS MUST BE OBSERVED.
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