



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](mailto:info@jeen.com) Website: [www.jeen.com](http://www.jeen.com)

MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL AND MANUFACTURER IDENTIFICATION

Issued by: **Chemtrec Emergency Telephone No.: 800-424-9300**  
JEEN International Corporation **Chemtrec Int'l Telephone No.: 703-527-3887(Collect Calls Accepted)**  
24 Madison Road  
Fairfield, NJ 07004  
Telephone # 973-439-1401  
Revision Date: 4/24/14

Product Name: **JEETOX T-2**  
Chemical/Synonyms: AMINES, C14-18 AND C16-18 UNSATURATED ALKYL, ETHOXYLATED  
CAS NUMBER: 61791-44-4

Hazard Ratings: Health (3) Fire (1) Reactivity (0)  
0= LEAST; 1= SLIGHT; 2= MODERATE; 3= HIGH; 4= EXTREME

SECTION 2 - PRECAUTIONARY STATEMENT

DANGER! CORROSIVE. CAUSES SKIN AND EYE BURNS. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR SAFETY GOGGLES, PROTECTIVE GLOVES AND IMPERVIOUS CLOTHING. WASH THOROUGHLY AFTER HANDLING.

SECTION 3 - HAZARDOUS COMPONENTS

INGREDIENT	CAS NO.	%	HAZARD
AMINES, C <sub>14-18</sub> & C <sub>16-18</sub> UNSAT'D., ALKYL, ETHOXYLATED	61791-44-4	>95	CORROSIVE TO SKIN AND EYES.
EXPOSURE LIMITS NOT ESTABLISHED			

SECTION 4 - HEALTH EFFECTS

SKIN: CAN CAUSE SEVERE IRRITATION, EVEN BURNS, ON PROLONGED CONTACT.  
EYES: CAUSES BURNS.  
SWALLOWING: RESULTS IN SEVERE DAMAGE TO MUCOUS MEMBRANES.  
BREATHING: VAPOR, ESPECIALLY UPON HEATING, MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.

SECTION 5- FIRST AID PROCEDURES

ON SKIN: IMMEDIATELY WASH EXPOSED AREA WITH SOAP AND WARM WATER FOR AT LEAST 15 MINUTES, THEN FLUSH WITH WATER FOR AT LEAST 5 MINUTES. IF REDDENING PERSISTS, OR IF OPEN SORES OR BLISTERS DEVELOP, SEE A PHYSICIAN. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE.  
IN EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION IMMEDIATELY. IF PHYSICIAN IS NOT IMMEDIATELY AVAILABLE, CONTINUE FLUSHING WITH WATER. DO NOT USE CHEMICAL ANTIDOTE.  
SWALLOWED: IMMEDIATELY DRINK TWO LARGE GLASSES OF WATER. CALL A PHYSICIAN.  
BREATHING: IF AFFECTED, MOVE TO FRESH AIR. IF A BURNING SENSATION DEVELOPS IN THROAT OR CHEST, OR SHORTNESS OF BREATH OCCURS, GET IMMEDIATE MEDICAL ATTENTION

SECTION 6 - EMPLOYEE PROTECTION

RESPIRATORY: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.  
HANDS: WEAR PROTECTIVE GLOVES SUCH AS: NEOPREN OR BUNA-N.  
EYES: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED.  
OTHER: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.



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#### SECTION 7 - PHYSICAL DATA

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INIT'L BOILING PT (mm/Hg):	>425°F @760 IF LIQUID AT 68°F	PRODUCT
SPECIFIC GRAVITY:	~0.91 @80°F	
VAPOR PRESSURE (mm/Hg):	-	
IF LIQUID AT 68°F FOR WHICH SUBLIME @ (mm/Hg):	NOT AVAILABLE	
PERCENT VOLATILES:	-	
INGREDIENT WITH INITIAL BOILING PT BELOW 425°F:	<1	
VAPOR DENSITY:	-	
OF MOST VOLATILE COMPONENTS:	UNAVAILABLE	
pH:	10% IN IPA/H <sub>2</sub> O	9-11
PHYSICAL FORM:	LIQUID @ 77°F	
SOLUBILITY IN H <sub>2</sub> O:	INSOLUBLE	

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#### SECTION 8 - REACTIVITY

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HAZARDOUS POLYMERIZATION:	CANNOT OCCUR
STABILITY:	STABLE
INCOMPATIBILITY:	STRONG OXIDIZING AGENTS

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#### SECTION 9 - FIRE AND EXPLOSION DATA

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FLASH POINT:	>200°F (SETA)
EXPLOSION LIMIT:	-
UPPER EXPLOSION LIMIT:	UNAVAILABLE
LOWER EXPLOSION LIMIT:	UNAVAILABLE
AUTOIGNITION TEMPERATURE (LOWEST VALUE OF COMPONENTS):	UNAVAILABLE
SPECIAL FIRE FIGHTING PROCEDURES: (INDICATE EQUIPMENT TO PROTECT FIREFIGHTERS FROM TOXIC PRODUCTS/COMBUSTION OR IF WATER IS NOT TO BE USED) USE EQUIPMENT SUITABLE FOR ORDINARY COMBUSTIBLE MATERIAL. PRODUCTS OF COMBUSITON MAY INCLUDE NITROGEN COMPOUNDS.	
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE KNOWN
EXTINGUISHING MEDIA:	DRY CHEMICAL, WATER FOG, REGULAR FOAM

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#### SECTION 10- SPILL OR LEAK PROCEDURES

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PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE AND DIKE AREA OF SPILL TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE ABSORBED ON ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

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#### SECTION 11- WASTE DISPOSAL METHODS

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INCINERATION IS THE RECOMMENDED DISPOSAL METHOD FOR ALL CHEMICAL WASTES, ALTHOUGH MATERIAL MAY BE LANDFILLED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. THIS PRODUCT, IF DISPOSED OF, IS NOT CONSIDERED A HAZARDOUS WASTE UNDER CURRENT RCRA REGULATIONS.



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## SECTION 12 – TRANSPORT/TOXICOLOGICAL INFORMATION

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### TRANSPORTATION INFORMATION:

D.O.T. - CORROSIVE LIQUID NOS (CONTAINS: ALKOLXYLATED FATTY AMINE), CL. 8, UN1760,  
PACKAGING GROUP III  
I.M.O. - ALKYLAMINES NOS, CLASS 8, UN 2735, IMO PAGE 8026-1  
I.C.A.O. - ALKYLAMINES NOS, CLASS 8, UN 2735, PACKAGING GROUP III

### TOXICITY INFORMATION:

D.O.T. - SKIN IRRITATION: CORROSIVE (6.6)  
EYE IRRITATION: SEVERELY IRRITATING.  
EYE IRRITATING SCORES: 53.8, 53.8, 53.2 & 38.7 @ 24, 48, 72 HOURS AND 7 DAYS, RESPECTIVELY  
ACUTE ORAL LD<sub>50</sub> (RAT): BETWEEN 0.6 AND 1.3 gm/kg.

THIS PRODUCT (OR COMPONENTS, IF A MIXTURE) IS NOT LISTED IN IARC MONOGRAPHS, THE NTP SIXTH ANNUAL REPORT OR THE CURRENT ACGIH TLVs AS A CARCINOGEN OR POTENTIAL CARCINOGEN. IT IS NOT REGULATED BY OSHA AS A CARCINOGEN.

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## SECTION 13- CONTROL MEASURES

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RESPIRATORY PROTECTION:	NOT REQUIRED
VENTILATION:	NO SPECIAL REQUIREMENTS
PROTECTIVE GLOVES:	CHEMICAL RESISTANT RUBBER GLOVES
EYE PROTECTION:	CHEMICAL GOGGLES
OTHER EQUIPMENT:	EYE WASH AND SAFETY SHOWER IN THE WORK AREA
WORK/HYGIENIC PRACTICES:	AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

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## SECTION 14- REGULATORY STATUS

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THIS PRODUCT DOES NOT CONTAIN MATERIAL REGULATED UNDER SARA TITLE III SECTION 313

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## SECTION 15- STATUTORY INFORMATION

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N/A

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## SECTION 16- OTHER INFORMATION

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