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MATERIAL SAFETY DATA SHEET

ISSUED BY: JEEN INTERNATIONAL CORPORATION  
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FAIRFIELD, NJ 07004  
Telephone # 973-439-1401  
**Chemtrec Emergency Telephone Number: 800-424-9300**  
**Chemtrec International Telephone Number: 703-527-3887 (Collect Calls Accepted)**

PRODUCT: **JEELATE ALES-60**  
CAS #: 67762-19-0

HMIS RATING  
HEALTH..... 1  
FLAMMABILITY..... 3  
REACTIVITY..... 0

SECTION I - CHEMICAL AND PHYSICAL PROPERTIES

CHEMICAL NAME: AMMONIUM LAURETH SULFATE  
FORMULA: NO DATA AVAILABLE  
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE FROM BURNING OXIDES OF SULFUR.  
INCOMPATIBILITY (KEEP AWAY FROM): AVOID CONTACT AND/OR MIXING WITH STRONG BASIS. CONTACT WITH STONG BASE WILL LIBERATE FREE AMINE.  
TOXIC AND HAZARDOUS INGREDIENTS: ETHANOL  
NOTE: THIS PRODUCT MAY CONTAIN TRACE AMOUNTS OF 1,4-DIOXANE.  
FORM: LIQUID  
APPEARANCE: VISCOUS LIQUID  
ODOR: BLAND  
COLOR: YELLOW  
SPECIFIC GRAVITY (WATER=1): 1.06  
BOILING POINT: NO DATA AVAILABLE  
SOLUBILITY IN WATER (BY WEIGHT %): SOLUBLE AT 25° C  
VOLATILE (BY WEIGHT %): 36 - 43  
EVAPORATION RATE: NOT APPLICABLE  
VAPOR PRESSURE (MM HG @ 20 DEG C): 31 MM HG @ 75° F  
VAPOR DENSITY (AIR=1): 6.0 TO 7.0  
STABILITY: PRODUCT IS STABLE UNDER NORMAL CONDITIONS  
VISCOSITY SUS AT 100 DEG F: GREATER THAN 100

SECTION II - FIRE AND EXPLOSION DATA

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS MUST BE EQUIPPED TO PREVENT BREATHING OF VAPORS OR PRODUCTS OF COMBUSTION. WEAR AN APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE  
FLASHPOINT: (METHOD USED) PENSKY-MARTENS CLOSED-CUP 82° F.  
FLAMMABLE LIMITS %: NOT APPLICABLE  
EXTINGUISHING AGENTS: DRYCHEMICAL OR WATERSPRAY OR WATERFOG OR CO2 OR FOAM OR SAND/EARTH.





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### SECTION III - HEALTH HAZARD DATA

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PERMISSIBLE CONCENTRATIONS (AIR): ETHYL ALCOHOL:1000 PPM. 1900 MG/M3 (TWA) (OSHA/ACGIH)  
CHRONIC EFFECTS OF OVEREXPOSURE: MAY CAUSE HEADACHE AND NAUSEA; SLIGHT SKIN IRRITATION AFTER PROLONGED CONTACT.  
ACUTE TOXICOLOGICAL PROPERTIES: MILD IRRITATION OF EYE AND NOSE OCCURS AT VERY HIGH CONCENTRATIONS. THE LIQUID CAN DEFAT THE SKIN, PRODUCING A  
EMERGENCY FIRST AID PROCEDURES:  
EYES: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN.  
SKIN CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.  
INHALATION: REMOVE TO FRESH AIR AND IF VICTIM IS NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CALL A PHYSICIAN IMMEDIATELY.

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### SECTION IV - SPECIAL PROTECTION INFORMATION

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VENTILATION TYPE REQUIRED (LOCAL, MECHANICAL, SPECIAL): MECHANICAL  
RESPIRATORY PROTECTION (SPECIFY TYPE): USE NIOSH/MSHA CERTIFIED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE EXPOSURE LIMIT.  
PROTECTIVE GLOVES: RUBBER OR PLASTIC, SOLVENT RESISTANT  
EYE PROTECTION: CHEMICAL SAFETY GOGGLES  
OTHER PROTECTIVE EQUIPMENT: NEOPRENE PROTECTIVE TYPE APRON.

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### SECTION V - HANDLING OF SPILLS OR LEAKS

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PROCEDURES FOR CLEAN-UP: ABSORB WITH AN INERT MATERIAL SUCH AS SAND, SOIL OR VERMICULITE; SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.  
WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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### SECTION VI - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE BETWEEN 40 ½° F AND 120 ½° F.

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### SECTION VII - TRANSPORTATION DATA

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D.O.T. : REGULATED  
U.S. D.O.T. PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S. (ETHANOL)  
U.S. D.O.T. HAZARD CLASS: COMBUSTIBLE LIQUID/CLEANING COMPOUND  
I.D. NUMBER: NA 1993 PG III  
LABEL(S) REQUIRED: NONE  
REPORTABLE QUANTITY: N/A  
SPECIAL TRANSPORTATION NOTES: UNREGULATED BY DOT WHEN SHIPPED IN CONTAINERS OF LESS THAN 118.9 GALLONS.

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### SECTION VIII - ENVIRONMENTAL/SAFETY REGULATIONS

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SECTION 313 (TITLE III SUPERFUND AMENDMENT AND REAUTHORIZATION ACT: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372. AQUEOUS AMMONIUM SALT 2.5% AS TOTAL AMMONIA 7664-41-7

COMMENTS: 1,4 DIOXANE HAS BEEN FOUND TO CAUSE CANCER IN LABORATORY ANIMALS WHEN ADDED TO DRINKING WATER AT VERY HIGH LEVELS. INHALATION EXPOSURE FAILED TO Elicit A SIMILAR RESPONSE. THE LEVELS OF 1,4-DIOXANE WHICH MAY PRESENT IN THIS PRODUCT SHOULD PRESENT NO ACUTE OR CHRONIC HAZARDS WHEN HANDLED ACCORDING TO THE RECOMMENDATIONS GIVEN IN THE MSDS

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