



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: JEEN International Corp. **Chemtrec Emergency Telephone No.: 800-424-9300**
24 MADISON ROAD ***Chemtrec International Telephone No.: 703-527-3887**
FAIRFIELD, NJ 07004 ***(Collect Calls Accepted)**
Telephone # 973-439-1401

PRODUCT NAME: **JEELAN AC**
CHEMICAL FAMILY: HIGH MOLECULAR WEIGHT ESTER
CHEMICAL NAME: Cetyl acetate and acetylated lanolin alcohol
CTFA ADOPTED NAME: Cetyl Acetate (and) Acetylated Lanolin Alcohol
CAS#: 629-70-9 (and) 61788-49-6

SECTION II - PHYSICAL DATA

SOLVENTS: NONE
BOILING POINT (°F): >600
VAPOR PRESSURE (mm Hg): NOT DETERMINED
VAPOR DENSITY (AIR=1): NOT DETERMINED
SPECIFIC GRAVITY (H₂O =1): 0.850 - 0.880 @ 25°C
PERCENT VOLATILES BY VOLUME: NIL
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND COLOR: PALE YELLOW, THIN, OILY LIQUID (WILL SOLIDIFY BELOW 65° - WILL LIQUIFY WHEN HEATED ABOVE 78°); FAINT CHARACTERISTIC.

SECTION III - INGREDIENTS

<u>MATERIAL:</u>	<u>TLV/UNITS</u>	<u>SIGNIFICANT HAZARD</u>
CETYL ACETATE:	NOT ESTABLISHED	SEE SECTION V
ACETYLATED LANOLIN ALCOHOL:	NOT ESTABLISHED	SEE SECTION V

SECTION IV - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 355°F ASTM D92-66 (OPEN CUP)
EXTINGUISHING MEDIA: USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL-TYPE, OR UNIVERSAL-TYPE FOAMS APPLIED BY MANUFACTURERS' RECOMMENDED TECHNIQUES.
SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS SHOULD USE PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE



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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:	NONE ESTABLISHED BY ACGIH OR OSHA
EFFECTS OF SINGLE OVEREXPOSURE:	
SWALLOWING:	LOW TOXICITY. HARMFUL EFFECTS NOT EXPECTED.
SKIN ABSORPTION:	NONE CURRENTLY KNOWN.
INHALATION:	VERY LOW VAPOR PRESSURE. HARMFUL EFFECTS NOT ANTICIPATED.
SKIN CONTACT:	MAY CAUSE MILD LOCAL REDNESS OF A FEW DAYS DURATION BY SUSTAINED CONTACT.
EYE CONTACT:	MAY CAUSE MILD DISCOMFORT IN THE EYE WITH SLIGHT IRRITATION OF THE CONJUNCTIVA, SEEN AS EXCESS REDNESS OF SEVERAL DAYS' DURATION.
EFFECTS OF REPEATED OVER EXPOSURE:	REPEATED SKIN CONTACT MAY RESULT IN MORE SEVERE IRRITATION.
OTHER EFFECTS OF OVEREXPOSURE:	NONE CURRENTLY KNOWN
MEDICAL CONDITIONS AGGRAVATE BY OVEREXPOSURE:	A KNOWLEDGE OF THE AVAILABLE TOXICOLOGY INFORMATION AND OF THE PHYSICAL AND CHEMICAL PROPERTIES OF THE MATERIAL SUGGESTS THAT OVEREXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS. SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN STUDIES IN HUMAN SUBJECTS HAVE SHOWN THE MATERIAL TO BE NONSENSITIZING TO THE SKIN.
HEALTH HAZARD EVALUATION:	
EMERGENCY AND FIRST AID PROCEDURES:	
SWALLOWING:	NO HARMFUL EFFECTS EXPECTED.
SKIN:	FLUSH WITH WATER.
INHALATION:	NO EMERGENCY CARE ANTICIPATED.
EYES:	FLUSH THOROUGHLY WITH WATER. SEEK MEDICAL ATTENTION IF DISCOMFORT PERSISTS.
NOTES TO PHYSICIAN:	THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT.

SECTION VI- REACTIVITY

STABILITY:	STABLE
INCOMPATIBILITY (MATERIALS TO AVOID):	CONCENTRATED NITRIC OR SULFURIC ACID; STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS:	BURNING CAN PRODUCE CARBON MONOXIDE, AND/OR CARBON DIOXIDE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	NONE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: COVER WITH ABSORBENT OR FLUSH WITH HOT WATER. COLLECT AND DISPOSE. OBSERVE GOVERNMENT REGULATIONS.
WASTE DISPOSAL METHOD: FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS FOR NONHAZARDOUS WASTE DISPOSAL.

SECTION VIII - HANDLING AND STORAGE

MAXIMUM PUMPING TEMPERATURE:	NOT DETERMINED.
MAXIMUM HANDLING TEMPERATURE:	NOT DETERMINED
HANDLING PROCEDURES:	KEEP CONTAINERS CLOSED WHEN NOT IN USE. MIX WELL BEFORE USING. WASH THOROUGHLY AFTER HANDLING. EMPTY CONTAINER CONTAINS PRODUCT RESIDUE WHICH MAY EXHIBIT HAZARDS OF PRODUCT.
MAXIMUM STORAGE TEMPERATURE:	NOT DETERMINED
STORAGE PROCEDURES:	NO SPECIAL STORAGE PRECAUTIONS REQUIRED
LOADING TEMPERATURE:	NOT DETERMINED.



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SECTION IX - SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURES:	USE WITH ADEQUATE VENTILATION.
GLOVES PROCEDURES:	USE NITRILE OR NEOPRENE GLOVES.
EYE PROTECTION:	SAFETY GLASSES
RESPIRATORY PROTECTION:	UNDER NORMAL USE CONDITIONS, RESPIRATOR IS NOT USUALLY REQUIRED.
CLOTHING RECOMMENDATION:	LONG SLEEVE SHIRT IS RECOMMENDED.

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

WARNING - UNDILUTED MATERIAL MAY CAUSE EYE AND SKIN IRRITATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

FOR INDUSTRY USE ONLY

OTHER PRECAUTIONS:

WARNING - SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPERATURE AND PRESSURE, OR SUDDEN INGRESS OF AIR INTO VACUUM EQUIPMENT, MAY RESULT IN IGNITIONS WITHOUT THE PRESENCE OF OBVIOUS IGNITION SOURCES. PUBLISHED "AUTOIGNITION" OR "IGNITION" TEMPERATURE VALUES CANNOT BE TREATED AS SAFE OPERATING TEMPERATURES IN CHEMICAL PROCESSES WITHOUT ANALYSIS OF THE ACTUAL PROCESS CONDITIONS.

ANY USE OF THIS PRODUCT IN ELEVATED-TEMPERATURE PROCESSES SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN SAFE OPERATING CONDITIONS. FURTHER INFORMATION IS AVAILABLE IN A TECHNICAL BULLETIN ENTITLED "IGNITION HAZARDS OF ORGANIC CHEMICAL VAPORS."

SECTION XI - TOXICOLOGICAL INFORMATION

-ACUTE EXPOSURE-

ORAL TOXICITY:	THE LD50 IN RATS IS > 5000 mg/Kg. BASED ON ACTUAL DATA.
EYE IRRITATION:	NOT EXPECTED TO CAUSE EYE IRRITATION. BASED ON ACTUAL DATA.
SKIN IRRITATION:	NOT EXPECTED TO BE A PRIMARY SKIN IRRITANT. BASED ON ACTUAL DATA. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN DISCOMFORT OR MILD IRRITATION.
DERMAL TOXICITY:	THE LD 50 IN RABBITS IS > 2000 MG/KG. BASED ON ACTUAL DATA.
INHALATION TOXICITY:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS MAY BE A TOXIC INHALATION HAZARD.
RESPIRATORY IRRITATION:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS MAY CAUSE RESPIRATORY IRRITATION UNDER NORMAL WORKPLACE CONDITIONS AND GOOD INDUSTRIAL HYGIENE PRACTICES.
DERMAL SENSITIZATION:	MAY CASUE ALLERGIC SKIN REACTION IN SUSCEPTIBLE INDIVIDUALS.
INHALATION SENSITIZATION:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS MAY BE RESPIRATORY SENSITIZERS.

-CHRONIC EXPOSURE-

CHRONIC TOXICITY:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS PRESENT AT GREATER THAN 1% ARE CHRONIC HEALTH HAZARDS.
CARCINOGENICITY:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS PRESENT AT GREATER THAN 0.1% MAY PRESENT A CARCINOGENIC HAZARD.
MUTAGENICITY:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS PRESENT AT GREATER THAN 0.1% ARE MUTAGENIC OR GENOTOXIC.
REPRODUCTIVE TOXICITY:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS PRESENT AT GREATER THAN 0.1% THAT MAY CAUSE REPRODUCTIVE TOXICITY.
TERATOGENICITY:	NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS PRESENT AT GREATER THAN 0.1% MAY CAUSE BIRTH DEFECTS.
OTHER:	NO OTHER HEALTH HAZARDS KNOWN.



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SECTION XII – ENVIRONMENTAL TOXICITY INFORMATION

FRESHWATER FISH TOXICITY:	THE ACUTE EC50 FOR FRESHWATER FISH IS > 1000 PPM BASED ON ACTUAL DATA.
FRESHWATER INVERTEBRATES TOXICITY:	THE ACUTE EC50 FOR FRESHWATER INVERTEBRATES IS 100 – 1000 PPM BASED ON ACTUAL DATA.
ALGAL INHIBITION:	NOT DETERMINED.
SALTWATER FISH TOXICITY:	NOT DETERMINED.
SALWATER INVERTEBRATES TOXICITY:	NOT DETERMINED.
BACTERIA TOXICITY:	THE ACUTE EC50 FOR BACTERIS IS > 1000 PPM BASED ON ACTUAL DATA.

SECTION XIII – ENVIRONMENTAL FATE INFORMATION

BIODEGRADATION:	THIS PRODUCT WILL BIODEGRADE MODERATELY BASED ON OECD 302-TYPE TEST DATA FOR SIMILAR PRODUCTS.
BIOACCUMULATION:	THERE IS NO DATA AVAILABLE TO EVALUATE THIS MATERIAL FOR BIOCONCENTRATION.
SOIL MOBILITY:	NOT DETERMINED.

SECTION XIV -REGULATORY INFORMATION

THE CONCENTRATIONS SHOWN ARE MAXIMUM OR CEILING LEVELS (WEIGHT %) TO BE USED FOR CALCULATION FOR REGULATIONS. TRADE SECRETS ARE INDICATED BY "TS."

FEDERAL EPA

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980 (CERCLA) REQUIRES NOTIFICATION OF THE NATIONAL RESPONSE CENTER OF RELEASE OF QUANTITIES OF HAZARDOUS SUBSTANCES EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITIES (RQs) IN 40 CFR 302.4.

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:
NONE

SUPERFUND AMENDMENTS ARE REAUTHORIZATION ACE OF 1986 (SARA) TITLE III REQUIRES EMERGENCY PLANNING BASED ON THRESHOLD PLANNING QUANTITIES (TPQs) AND RELEASE REPORTING BASED ON REPORTABLE QUANTITIES (RQs) IN 40 CFR 355 (USED FOR SARA 302, 304, 311, AND 312).

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:
NONE

STATE RIGHT-TO-KNOW

CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS NO LEVELS OF LISTED SUBSTANCES, WHICH THE STATE OF CALIFORNIA HAS FOUND TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM, WHICH WOULD REQUIRE A WARNING UNDER THE STATUTE.

MASSACHUSETTS RIGHT-TO-KNOW:

SUBSTANCE LIST (MSL) HAZARDOUS SUBSTANCES AND EXTRAORDINARILY HAZARDOUS SUBSTANCES ON THE MSL MUST BE IDENTIFIED WHEN PRESENT IN PRODUCTS.

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:
NONE

PENNSYLVANIA RIGHT-TO-KNOW:

HAZARDOUS SUBSTANCE LIST HAZARDOUS SUBSTANCES AND SPECIAL HAZARDOUS SUBSTANCES ON THE LIST MUST BE IDENTIFIED WHEN PRESENT IN PRODUCTS.

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:
NONE

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY.

CALIFORNIA SCA QMD RULE 443.1 VOC'S: ***NOT APPLICABLE***

OTHER REGULATORY INFORMATION:

NONE



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SECTION XV -OTHER INFORMATION

US NFPA CODES:	HEALTH:	1	FIRE:	1	REACTIVITY:	0	SPECIAL:	N/E
HMS CODES:	HEALTH:	1	FIRE:	1	REACTIVITY:	0		

PRECAUTIONARY LABELS:

- THIS MATERIAL HAS NO KNOWN HEALTH HAZARDS

SECTION XVI – OTHER

This data is offered in good faith as typical values and not as product specifications. No warranty is either expressed or implied. The safety information and recommendations are believed to be generally applicable; however, the user should review these recommendations in the specific context of their intended use, and determine whether they are appropriate.