

SECTION I – MATERIAL IDENTIFICATION AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: **Chemtrek Emergency Tel.# 800-424-9300**
 JEEN International Corp. ***Chemtrek International Emergency Tel.# 703-527-3887**
 24 MADISON ROAD ***Collect Calls Accepted.**
 FAIRFIELD, NJ 07004
 Telephone No.: 973-439-1401

TRADE NAMES: **STEARYL ALCOHOL NF 95%**
 SYNONYMS: 1-OCTADECANOL, STEARYL ALOCHOL
 REVISION DATE: January 17, 2012

SECTION 2 –HAZARDOUS INGREDIENTS
EMERGENCY OVERVIEW

APPEARANCE WHITE SOLID. COLORLESS LIQUID
ODOR SWEET
PRECAUTIONS AVOID EYE CONTACT WITH SKIN, EYES, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. PROVIDE ADEQUATE VENTILATION
ENVIRONMENTAL PRECAUTIONS DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEW SYSTEM. AQUATIC TOXICITY IS UNLIKELY DUE TO LOW SOLUBILITY. READILY BIODEGRADABLE

POTENTIAL HEALTH EFFECTS

SKIN PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRITATION AND/OR DERMATITIS. HIGH STANDARDS OF SKIN CARE AND PERSONAL HYGIENE SHOULD BE EXERCISED AT ALL TIMES
EYES IRRITATING TO EYES
INHALATION IRRITATION OF THE NOSE AND THROAT, DIZZINESS, AND HEADACHE
INGESTION INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA

SEE SECTION 11 FOR TOXICOLOGICAL INFORMATION

SECTION 3 - HAZARDS IDENTIFICATION

COMPONENTS	CAS-NO	WEIGHT%
1-OCTADECANOL	112-92-5	>94
1-HEXADECANOL	36653-82-4	<3
1-EICOSANOL	629-96-9	<3

SEE SECTION 8 FOR EXPOSURE GUIDELINES AND SECTION 15 FOR REGULATORY CLASSIFICATIONS

SECTION 4 – FIRST AID MEASURES

EYE CONTACT RINSE THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN.
SKIN CONTACT WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER WHILE REMOVING ALL CONTAMINATED CLOTHES AND SHOWS. WHEN SYMPTOMS PERSIST OR IN ALL CASES OF SOUBT SEEK MEDICAL ADVICE. WASH CONTAMINATED CLOTHING BEFORE REUSE
INHALATION REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. IN CASE OF SHORTNESS OF BREATH, GIVE OXYGEN. CALL A PHYSICIAN IMMEDIATELY.
INGESTION IF SWALLOWED, CALL POSITION CONTROL CENTRE OR DOCTOR IMMEDIATELY. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 – FIRE FIGHTING MEASURES
FLAMMABLE PROPERTIES

FLASH POINT 179°C ASTM D 93 354°F
AUTO IGNITION TEMP 249°C 480°F

FLAMMABLE LIMITS IN AIR % BY VOLUME	LOWER EXPLOSION LIMIT: CA. 0.4% (V)
FIRE AND EXPLOSION	UPPER EXPLOSION LIMIT: CA. 5.0% (V)
EXTINGUISHING MEDIA	NFPA CLASS IIIB COMBUSTIBLE LIQUID
FIRE FIGHTING INSTRUCTIONS	USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE SUIT. KEEP CONTAINERS AND SURROUNDINGS COOL WITH WATER SPRAY

SECTION 6 – ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN
CASE OF SPILL OR LEAK:** EVACUATE PERSONNEL TO SAFE AREAS, REMOVE ALL SOURCES OF IGNITION. CONTAIN SPILLAGE AND THEN COLLECT WITH NON-COMBUSTIBLE ABSORBENT MATERIAL, (E.G. SAND, EARTH, DIATOMACEOUS, EARTH, VERMICULITE) AND PLACE IN CONTAINER FOR DISPOSAL ACCORDING TO LOCAL/ NATIONAL REGULATIONS (SEE SECTION 13). DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEM.

SPILL PRECAUTIONS MATERIAL CAN CREATE SLIPPERY CONDITIONS

SECTION 7 – HANDLING AND STORAGE

SAFE HANDLING ADVICE ENSURE ALL EQUIPMENT IS ELECTRICALLY GROUNDED BEFORE BEGINNING TRANSFER OPERATIONS.

**STORAGE/ TRANSPORT
PRESSURE** AMBIENT
LOAD/UNLOAD TEMP 60 -77 °C
 140 -170° F

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

ENGINEERING MEASURES ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS

PERSONAL PROTECTIVE EQUIPMENT

EYES	CHEMICAL RESISTANT GOGGLES MUST BE WORN
SKIN	WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES, AND EYE/FACE PROTECTION
INHALATION	RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED EXCEPT IN EMERGENCIES OR WHEN CONDITIONS CAUSE EXCESSIVE AIRBORNE LEVELS OF MISTS OR VAPORS. USE NIOSH APPROVED RESPIRATORY PROTECTION

EXPOSURE GUIDELINES

CONTAINS NO SUBSTANCE WITH OCCUPATIONAL EXPOSURE LIMIT VALUES

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	SOLID COLORLESS LIQUID WHEN MELTED
COLOR	WHITE
ODOR	SWEET

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES CONTINUED

FORM	SOLID, PASTILLES
BOILING RANGE	350°-354° C 662°-670° F
VAPOR	9.3
SOLUBILITY	INSOLUBLE
VISCOSITY	13.5 cSt @ 71° C
MELTING RANGE	13.5 cSt @ 55-58 ° C / 132°-136° F
DENSITY	0.811 g/cm ³ @ 22° C
LOGKOW	7.19

SECTION 10 – STABILITY AND REACTIVITY

CONDITIONS TO AVOID	KEEP AWAY FROM HEAT AND SOURCES OF IGNITION
HAZARDOUS DECOMPOSITION PRODUCTS	COMBUSTION PRODUCTS INCLUDE CARBON MONOXIDE AND POSSIBLY OTHER UNIDENTIFIED ORGANIC COMPOUNDS
STORE AWAY FROM OTHER MATERIALS	CAN REACT WITH STRONG OXIDIZERS, INORGANIC ACIDS, AND HALOGENS
HAZARDOUS POLYMERIZATION	NONE

SECTION 11 – TOXICOLOGICAL INFORMATION

EYES	PRIMARY IRRITATION 5 (MAXIMUM SCORE IS 110 DRAIZE TEST)
SKIN	PRIMARY IRRITATION (RABBIT): 1.5 (MAXIMUM SCORE IS 8.0) INFORMATION TAKEN AWAY FROM REFERENCE WORKS AND THE LITERATURE. MILD SKIN IRRITANT
INHALATION	NO DATA AVAILABLE
INGESTION	ACUTE ORAL (RAT): >8,000 MG/KG ALL RATS SURVIVED AT INDICATED DOSE.

CARCINOGENICITY: CONTAINS NO INGREDIENT LISTED AS CARCINOGEN

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	AQUATIC TOXICITY IS UNLIKELY DUE TO LOW SOLUBILITY 1-OCTADECANOL WOULD BE EXPECTED TO HAVE AN LC50 GREATER THAN ITS WATER SOLUBLE FRACTION(<0.00001 MILLI MOLAR). AQUATIC TOXICITY IS UNLIKELY DUE TO LOW SOLUBILITY
BIODEGRADATION	READILY BIODEGRADABLE

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE CODE	ANY UNUSED PRODUCT OR EMPTY CONTAINERS MAY BE DISPOSED OF AS NON-HAZARDOUS IN ACCORDANCE WITH STATE AND FEDERAL REQUIREMENTS. RE-EVALUATION OF THE PRODUCT MAY BE REQUIRED BY THE USER AT THE TIME OF DISPOSAL, SINCE THE PRODUCT USES, TRANSFORMATIONS, MIXTURES, CONTAMINATION, AND SPILLAGE MAY CHANGE THE CLASSIFICATION. IF THE RESULTING, MATERIAL IS DETERMINED TO BE HAZARDOUS PLEASE DISPOSE IN ACCORDANCE WITH STATE AND FEDERAL HAZARDOUS WASTE REGULATIONS.
DISPOSAL METHODS	DISPOSE OF ONLY IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS
EMPTY CONTAINERS	EMPTY CONTAINERS RETAINS PRODUCT RESIDUE (LIQUID AND OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, TRIPLE-RINSED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONED, OR PROPERLY DISPOSED.

SECTION 14 - TRANSPORT INFORMATION

DOT	NOT REGULATED
IATA	NOT REGULATED
IMDG	NOT REGULATED

SECTION 15 – US FEDERAL REGULATIONS

US FEDERAL REGULATIONS

OSHA HAZARDS
NON-HAZARDOUS SUBSTANCES

TSCA INVENTORY LISTING

COMPONENTS	CAS-NO
1-OCTADECANOL	112-92-5
1-HEXADECANOL	36653-82-4
1-EICOSONAL	629-96-9

SARA 302 STATUS

CONTAINS NO CHEMICALS SUBJECT TO SARA 302 REPORTING

SARA311/312 CLASSIFICATION

NON-HAZARDOUS SUBSTANCE

SARA 313 CHEMICAL

THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313

CERCLA HAZARDOUS SUBSTANCE

NONE

INTERNATIONAL REGULATIONS

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHIS) CLASSIFICATION

WHMIS HAZARDOUS COMPOSITION: NO INGREDIENTS ARE HAZARDOUS ACCORDING TO THE CPR CRITERIA.

EUROPEAN UNION

THE PRODUCT DOES NOT NEED TO BE LABELLED IN ACCORDANCE WITH EX DIRECIVES OR RESPECTIVE NATIONAL LAWS

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) LISTING

LISTED

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) INVENTORY LISTING

LISTED

CANADIAN DOMESTIC SUBSTANCE LIST (DSL) INVENTORY LISTING

LISTED

CANADIAN NON-DOMESTIC SUBSTANCE LISTING (NDSL)

NOT LISTED

EUROPEAN INVENTORY OF EXISISTING COMMERICAL CHEMICAL SUBSTANCES (EINECS) LISTING

LISTED

PHILIPPINES INVENTORY LIST (PICCS)

LSITED

KOREAN INVENTORY

LISTED

CHINA INVENTORY LIST

LISTED

STATE REGULATIONS

CALIFORNIA PROP. 65: NONE



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SECTION 16 – OTHER INFORMATION

HAZARDOUS RATINGS

	HEALTH	FLAMMABILITY	REACTIVITY
HMIS	1	1	0
NFPA	1	1	0

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