



SAFETY DATA SHEET
According to Regulation (EC) No 1907/2006 (REACH)

Revision Date: March 10, 2017

Version No.: 2

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier**
Product Name **STEARYL ALCOHOL NF, 95%**
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Identified uses **Cosmetic raw material**
- 1.3 Details of the Supplier of the Safety Data Sheet**
Company **JEEN International Corporation**
24 Madison Road
Fairfield, New Jersey 07004
Tel: +1-973-439-1401
Fax: +1-973-439-1402
email: info@jeen.com
Website: www.jeen.com
- 1.4 Emergency telephone number** **+1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)**

SECTION 2 – HAZARDS INGREDIENTS

- 2.1 Classification of the Substance or Mixture** according to Regulation (EC) 1272/2008
None
- 2.2 Label Elements** according to Regulation (EC) EU 1272/2008
Hazard pictogram **None**
Signal words **None**
Hazard statements **None**
Precautionary statements **None**
- 2.3 Other Hazards** **None known**

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances**
Chemical characterization **Cosmetic ingredients**
INCI **Stearyl Alcohol**
Components **1-OCTADECANOL 1-HEXADECANOL 1-EICOSANOL**
CAS **112-92-5 36653-82-4 629-96-9**
Concentration **>95% <2.5% <2.5%**
- 3.2 Mixture** **-**

SECTION 4 – FIRST AID MEASURES

- 4.1 Description of 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**



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INHALATION

WATER WHILE REMOVING ALL CONTAMINATED CLOTHES AND SHOES. WHEN SYMPTOMS PERSIST OR IN ALL CASES OF DOUBT SEEK MEDICAL ADVICE. WASH CONTAMINATED CLOTHING BEFORE RE-USE

INGESTION

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.

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.

4.2 Most important Symptoms and Effects

NO INFORMATION AVAILABLE

4.3 Indication of any immediate Medical Attention and special Treatment needed

NO INFORMATION AVAILABLE

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Flash point:

163 °C ASTM D 93 325 °F

5.2 Auto Ignition Temperature

247 °C 477 °F

**5.3 Flammable Limits in Air %
By Volume**

LOWER EXPLOSION LIMIT:
UPPER EXPLOSION LIMIT:

CA. 0.4% (V)
CA. 2.9% (V)

5.4 Fire and Explosion Hazards

NFPA CLASS IIIB COMBUSTIBLE LIQUID

5.5 Extinguishing Media

USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE

5.7 Firefighting instructions

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE SUIT. KEEP CONTAINERS AND SURROUNDINGS COOL WITH WATER SPRAY.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Methods and Material for Containment and Cleaning Up

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.



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6.2 Reference to other Sections SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION
SECTION 13: WASTE TREATMENT

SECTION 7 – HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling** ENSURE ALL EQUIPMENT IS ELECTRICALLY GROUNDED BEFORE BEGINNING TRANSFER OPERATIONS.
- 7.2 Condition for Safe Storage, including any Incompatibilities** AMBIENT STORAGE/TRANSPORT PRESSURE. LOADING AND UNLOADING TEMPERARURE SHOULD BE 60 -82 °C (150 -180° F).

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Engineering measures** ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS
- 8.2 Personal Protective Equipment**
EYES WEAR AS APPROPRIATE: GOGGLES, FACE-SHIELD
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.
- 8.3 Exposure Guidelines** CONTAINS NO SUBSTANCE WITH OCCUPATIONAL EXPOSURE LIMIT VALUES

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic Physical and Chemical Properties**
- | | |
|----------------|-------------------------|
| APPEARANCE | SOLID |
| COLOR | WHITE |
| ODOR | SWEET |
| FORM | FLAKES |
| BOILING RANGE | 286 -339 °C 548°-642° F |
| VAPOR DENSITY | 8.3 -9.3 |
| VAPOR PRESSURE | <0.01 mm Hg @ 38 °C |
| SOLUBILITY | INSOLUBLE |
| VISCOSITY | 15 cSt @ 50° C |
| MELTING RANGE | 45-53 °C 113-127 °F |
| DENSITY | 0.813 g/cm3 @ 52° C |

SECTION 10 – STABILITY AND REACTIVITY

- 10.1 Incompatible Materials** CAN REACT WITH STRONG OXIDIZERS, INORGANIC ACIDS, AND HALOGENS



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10.2	Hazardous Decomposition products	NONE
10.3	Conditions to Avoid	KEEP AWAY FROM HEAT AND SOURCES OF IGNITION
10.4	Hazardous Polymerization	NONE

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1	Information on Toxicological Effects	NO DATA AVAILABLE.
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SECTION 12 - ECOLOGICAL INFORMATION

12.1	Aquatic Toxicity	AQUATIC TOXICITY IS UNLIKELY DUE TO LOW SOLUBILITY. 1-HEXADECANOL PRODUCES NO OBSERVABLE TOXIC EFFECTS ON FATHEAD MINNOWS AT CONCENTRATIONS AS HIGH AS 500 PPM. THE LC50 OF 1-HEXADECANOL WOULD BE EXPECTED TO BE GREATER THAN ITS WATER SOLUBLE FRACTION (<0.00001 MILLI MOLAR)
12.2	Biodegradation	READILY BIODEGRADABLE.
	80-97% TEST SUBSTANCE:	HEXADECANOL BIODEGRADABLE. THEORETICAL CO ₂ (TCO ₂) (AFTER 20-48 DAYS IN AN INOCULATED MEDIUM)
	70% TEST SUBSTANCE:	1- OCTADECANOL BIODEGRADABLE: (AFTER 2 DAYS IN AN INOCULATED MEDIUM)

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1	Waste Treatment Methods	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 (40 CFR 262) HAZARDOUS WASTE REGULATIONS. DISPOSE OF ONLY IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. EMPTY CONTAINERS RETAIN 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, FLAMES, SPARK, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY DRUMS SHOULD BE COMPLETELY
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DRAINED, TRIPLE RINSED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER, OR PROPERLY DISPOSED.

SECTION 14 – TRANSPORTATION INFORMATION

14.1 Shipping Description

DOT	NOT REGULATED
IATA	NOT REGULATED
IMDG	NOT REGULATED

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA HAZARDS

Non-hazardous substances

TSCA Inventory Listing

Components:

1-Hexadecanol

1-Octadecanol

CAS#

36653-82-4

112-92-5

SARA 302 STATUS

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 311/312 Classification

Non-hazardous substance

SARA 311 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

US. EPA CERCLA HAZARDOUS SUBSTANCE (40 CFR 302)

None

INTERNATIONAL REGULATIONS:

Workplace Hazardous Materials Information System (WHMIS) Classification

WHMIS hazardous compositions: No ingredients are hazardous according to the CPR criteria.

European Union:

The product does not need to be labeled in accordance with EC directives 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 SUBSTANCES LIST (DSL) INVENTORY LISTING

Listed

CANADIAN NON-DOMESTIC SUBSTANCE LISTING (NDSL)

Not listed

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) LISTING

Listed

PHILIPPINES INVENTORY LIST (PICCS)

Listed

KOREAN INVENTORY LIST



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CHINA INVENTORY LIST

Listed

Listed

Note

The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.

SECTION 16 – OTHER INFORMATION

HAZARDOUS RATINGS

	HEALTH	FLAMMABILITY	REACTIVITY
HMIS	1	1	0
NFPA	0	1	0

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