SAFETY DATA SHEET

Product: Crafter's Choice™ Stearyl Alcohol *Version : 1.01* *Date: 03 Aug 2023*

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

1.1 Product: Crafter's Choice™ Stearyl Alcohol

1.2 Common Chemical Name: Stearyl Alcohol, 1-octadecanol

1.3 Product Code (Supplier):

1.4 Application of the substance / the preparation usages
Agriculture, forestry, fishery,
Mining, (without offshore industries)
Manufacture of pulp, paper and paper products.
Manufacture of bulk, large scale chemicals (including petroleum products).
Manufacture of fine chemicals.
Manufacture of rubber, coating, paints, lubricants, greases & release agents.
Manufacture of plastics products, including compounding and conversion.
Manufacture of other non-metallic mineral products, e.g. plasters, cement.
Preparation of pharmaceuticals, Cosmetics and personal care products.

1.5 Details of the supplier of the safety data sheet

IndiMade Brands, LLC DBA Wholesale Supplies Plus
7820 E Pleasant Valley Road
Independence, OH 44131
(800) 359-0944
www.WholesaleSuppliesPlus.com

1.6 Emergency Telephone Number :

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 813 248-0585 International

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Directives 1272/2008
Not classified

2.2 Hazard pictograms: Not applicable

2.3 Signal word: Not applicable

2.4 Hazard Statement: Not applicable

2.5 Precautionary statements: Not applicable

2.6 Other Hazards
Results of PBT and vPvB assessment
PBT: Not Applicable
vPvB: Not Applicable

SECTION 3: COMPOSITION /INFORMATION ON INGRADIENTS

Common Chemical Name: Stearyl Alcohol, 1-octadecanol
Description: Mixture of substances listed below

Name	*CAS No.*	*EINES No*	*% by Weight*
Tetradecanol	*112-72-1*	*204-000-3*	*0.03*
Hexadecan-1-ol	*36653-82-4*	*253-149-0*	*0.20*
Octadecanol	*112-92-5*	*204-017-6*	*98.81*
Ecosan -1-ol	*629-96-9*	*211-119-4*	*0.37*

SECTION 4: FIRST AID MEASURES

4.1Description of first aid measures

After Inhalation: *Supply fresh air. Consult doctor in case of complaints.*

After skin contact: *Remove contaminated clothing, wash skin with soap and water, and consult a doctor if necessary.*

After eye contact: *Rinse opened eye for several minutes under running water. Then consultant a doctor.*

After Swallowing:
Do not give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical attention. If symptoms persist consult doctor.

4.2 Most important symptoms and effects both acute and delayed
Skin Contact: Non Irritant
Eye Contact: Non Irritant
Inhalation: No harmful effect expected at ambient temperature. Mist or vapours of the product could cause irritation to the pulmonary tract.
Ingestion: May cause slight irritation to gastrointestinal tract.
Information for doctor: Treat symptomatically and supportively.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing agents:
Use fire extinguishing methods suitable to surrounding conditions.
Dry powder, Foam, Carbon dioxide (CO2)

5.2 Special hazards arising from the substance or mixture
No further relevant information available.

5.3 Advice for firefighters
Protective equipment:
Wear self-contained breathing apparatus and protective clothing to avoid direct contact with eyes and skin.
Additional information:
In case of high temperature or fire, use a water jet to cool the tank containing the product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.
Eliminate sources of ignition. Keep area well ventilated and isolate the spill. Avoid inhalation and contact with skin and eyes.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water source.
Inform respective authorities in case of seepage into water source or sewage system.

6.3 Methods and material for containment and cleaning up:

Cover spillage with sawdust, sand or other absorbent material.
Absorb spill with inert material (e.g. vermiculite), then place in suitable closed containers for disposal.
Ensure adequate ventilation

6.4 Reference to other sections
Refer to section 7 and 13 for additional information on personal protection equipment and disposal methods.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe Handling

Handle in accordance with good hygiene and safety procedures. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Since empty containers contain product residue, follow all hazard warnings and precautions even after container is emptied.

7.2 Conditions for safe storage, including any incompatibilities Storage:
Keep away from heat, sparks or open flames. Keep away from possible contact with incompatible substances. Store in a cool dry place. Store in accordance with NFPA 30 (National Fire Protection Association code). Store in original closed containers. For quality results: Avoid elevated temperatures.

Information about storage in one common storage facility: *Store away from incompatibles. Store in a dry area.*
Further Information about storage conditions:
Store in original containers. Store in sealed containers in a cool and dry place.

7.3 Specific end use(s)
Industrial uses: Uses of substances as such or in preparations at industrial sites.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 OSHA permissible exposure limit(PELs):*Not listed*
8.2 ACGIH threshold limit value(TLVs):*Not Listed*
8.3 Respiratory System Protection :
None required when adequate ventilation is available at ambient temperature. In presence of mist or vapours, use self-contained NIOSH/MSHA approved respirator.
8.4 Skin and Body Protection:
Uniform, apron and rubber boots
8.5 Hand Protection

Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves Nitrile (0.35mm thick) or Butyl (0.5 mm thick) gloves or gloves tested to EN 374.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
8.6 Eye protection:

Tightly sealed goggle.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form	*: White Pastilles*
Color	*: Colourless*
Upper/lower flammability	*: No data available.*
Explosive Limits	*: No data available.*
Odor	*: Odorless*
Vapor pressure at 25°C	*: 0.433 Pa*
Odor threshold	*: No data available.*
Vapor density	*: No data available.*
pH	*: Not Applicable*
Relative density at 50°C	*: 0.805 to 0.815 at 65^0C*
Melting Point/Melting Range	*: 56^0C - 60^0C*
Solubility in / Miscibility with	*: 0.001 mg/L*
Boiling Point/ Boiling Range	*: 330 ^{0}C - 360 ^{0}C*
Partition coefficient (n-octanol /water)	*: Octanol: Water partition coefficient (Log value) of constituents C14= 5.5, C16 = 6, C18=7.4 (by HPLC method) Note:values provided are of the constituents Tetradecanol (CAS No.112-72-1), Hexadecan-1-ol(CAS No. 36653-82-4, Octadecan-1-ol(112-92-5)*
Flash point	*: 195 °C (383 °F)*
Auto-ignition temperature	*: product is not self igniting.*
Evaporation Rate	*: No data available*
Decomposition temperature	*: No data available.*
Flammability (Solid/Gas)	*: No data available.*
Viscosity	*: No data available*

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity towards container material: *NONE*

10.2 Chemical Stability

Thermal decomposition / conditions to be avoided:
On decomposition releases Carbon monoxide and Carbon dioxide

10.3 Possibility of Hazardous reactions *No dangerous reaction known.*

10.4 Conditions to avoid*: contact with incompatible materials.*

10.5 Incompatible materials: *Strong acids and oxidising agents.*

10.6 Hazardous decomposing products: *On decomposition, the product releases carbon dioxide, carbon monoxide, hydrocarbons, soot aldehydes and ketones.*

SECTION 11: TOXICOLOGY INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD/LC 50 values relevant for classification:

Name	*CAS. NO*	*LD50(Oral)*	*LD 50(Dermal)*	*LC 50(6h)(Inhalative)*
Tetradecanol	*112-72-1*	*>2000 mg/Kg bw (rat)*	*5847-8000 mg/kg(rabbit)*	*> 1.5 mg/ L (rat)*
Hexadecan-1-ol	*36653-82-4*	*>2000 mg/Kg bw(rat)*	*--*	*--*
Octadecan-1-ol	*112-92-5*	*> 5000 mg/kg (rat)* *> 2000 mg/kg (rat)*	*> 2000 mg/kg (Key information was read across from 1- tetradecanol.)*	*> 0.003 ppm (substantially Saturated atmospheric Concentration) DATA WAIVED.*

11.2 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Toxicity for reproduction:

Name	*CAS No*	*Carcinogenicity*	*Mutagenicity*	*Toxicity for reproduction*
1-Octadecanol	*112-92-5*	*Not a carcinogen*	*Not a mutagen*	*No adverse reproductive effects.*

11.3 Skin Irritation: *Non irritant*
11.4 Eye Irritation: *Non irritant*
11.5 Sensitization: *Non irritant*

SECTION 12: ECOLOGICAL INFORMATION

12.1 Comment

This product is very easily biodegradable (90%) and does not cause difficulties in waste water treatment plants. Since it is insoluble in water and lighter than water, large amounts of contamination can be separated using standard oils and fats separators.

12.2 Information about elimination

The substance is biodegraded in aquatic and terrestrial environment under aerobic and anaerobic conditions.

12.3 Persistence and degradability: *This product is not expected to be persistence in the environment. This substance is biodegraded in aquatic and terrestrial environment under aerobic and anaerobic conditions.*

Biodegradation:

Name	***CAS. NO***	***Method***	***Result***
Tetradecanol	*112-72-1*	*301B*	*% degradation: 82.2% in 28 days at 15.9 mg/l ; 10 day window: 77.2%*
Hexadecan-1-ol	*36653-82-4*	*301B*	*% degradation : 62% after 28 days at 17.1mg/l ; 10 day window : <60%*
1-Octadecanol	*112-92-5*	*301D*	*% degradation : 38% in 29 days at 5 mg/l : 69% in 29 days at 2 mg/l;10 day window: <60%*
1-Octadecanol	*112-92-5*	*301B*	*% degradation : 95.6% in 28 days at 14.5 mg/l 10 day window: 90.2%*

12.4 Bio accumulative potential: *The product is not expected to be Bioaccumulative*

Sr. No.	*Name*	*CAS No.*	*Log Kow*	*BCF*	*Veith et al*	*Connell and Hawker*
2	*Tetradecanol*	*112-72-1*	*6.03*	*190*	*--*	*34000*
3	*Hexadecan-1-ol*	*36653-82-4*	*6.65*	*480*	*--*	*45000*
4	*1-Octadecanol*	*112-92-5*	*7.19*	*2700*	*--*	*44000*

Remark: *Available data indicates that the long chain alcohols are non-bio accumulative.*

12.5 Ecotoxical effects:

Name	*CAS No.*	*EC 50 (Algae mg/l2)*	*NOEC(Biomass)*	*ErL50 (96 h)*	*EbL50 (96 hr)*	*LC 50 (96 Hr)*
1-Hexadecanol	*36653-82-4*	*Effects seen >LOS (Algae)*	*10(n,>LoS)*	*--*	*680(n,>LoS)*	*>0.4 mg/L (n)(>LoS)*
1-Octadecanol	*112-92-5*	*No effects expected at LoS (read across)*	*>10 (n,>LoS)*	*<10 (n, LoS)*	*250 (n, >LoS)*	*>0.4 (n)(>LoS)*

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods: *Disposal methods to be in accordance with local, federal and state environmental regulations.*

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

ADR, IMDG, IATA **:** *Chemicals N. O. S. (non regulated)*

14.2 UN Proper Shipping Name

ADR, IMDG, IATA **:** *Chemicals N. O. S. (non regulated)*

14.3 Transport hazard class(es)

ADR, IMDG, IATA *: Chemicals N. O. S. (non regulated)*

14.4 Packing Group:

ADR, IMDG, IATA *: Chemicals N. O. S. (non regulated)*

14.5 Environmental hazards *:* Chemicals N. O. S. (non regulated)

14.6 Special precautions for user *: Not applicable*

4.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC code *Not Applicable*

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Labeling according to Regulation (EC) No 1272/2008
The product is classified and labeled according to the CLP regulation
Hazard pictograms: Please refer section 2
Signal word: Please refer section 2
Hazard statements: Please refer section 2
Precautionary statements: Please refer section 2

National regulations:

Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57
The substance is not listed as SVHC.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Sources

Remarks

This safety data sheet is based on the properties of the material known to IndiMade Brands, LLC at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment IndiMade Brands, LLC holds no responsibility. This document is not intended for quality assurance purposes.