

SECTION 4 : FIRST AID MEASURES

In case of inhalation:

Remove to fresh air and keep comfortable for breathing. Consult a doctor if difficulty in breathing continues.

In case of skin contact:

Remove contaminated clothing, wash with water and soap. Rinse thoroughly.

In case of eye contact:

Rinse opened eye with running water for several minutes. Continue to rinse to reduce discomfort feeling if necessary. Consult a doctor if discomfort persist.

In case of ingestion:

Rinse mouth and drink plenty of water. Do not induce vomiting. Get medical attention if discomfort persists.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable extinguishing media : Powder, foam, carbon dioxide, sand. Fight larger fire with water spray.

Unsuitable extinguishing media : Do not use solid water jet as it may scatter and spread fire

Special hazards arising from substances : No further relevant information available
/mixture

Advice for fire fighters : Avoid breathing dust/fume/vapours

Protection of fire fighters : Use goggles in combination with dust mask and other protective equipment as appropriate to situation. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions : Use goggles and protective gloves. Ensure adequate ventilation. Use respiratory protective device against effect of dust/fume/vapours.

Environmental precautions : Do not discharge into drains, surface waters or ground water directly.

Method for containment and clean up : Absorb spills with sand, inert absorbent, sawdust or waste cloth.

Shovel into closed containers and dispose of the material collected according to regulation. Wash site with soap, soda ash or sodium bicarbonate solution. Wipe clean with cloth or mop.

SECTION 7 : HANDLING AND STORAGE

Safe handling : Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Handling in well ventilated area. Wash thoroughly after handling.

Safe storage : Keep in cool and dry place. Avoid from heat and direct sunlight to prevent product deterioration. Keep away from source of ignition. Avoid contact with oxidizing agents

SECTION 8 : EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures : Ensure adequate ventilation

Limit values

ACGIH (TLV) : Not established

OSHA (PEL) : Not established

Hand protection : Wear protective gloves

Eye protection : Wear safety glasses

Respiratory protection : Use respiratory protective equipment as appropriate to situation.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Solid

Color : White

Odour : Characteristic

Odour threshold : No information available

pH : No information available

Change condition

Melting point/Freezing point : No information available

Boiling point/Boiling range : ca.>300 oC

Flash point : No information available

Flammability (solid, gas) : No information available

Ignition temperature : No information available

Decomposition temperature : No information available

Flammability or explosive limits

Upper limit : No information available

Lower limit : No information available

Vapour pressure : No information available

Vapour density : No information available

Density : No information available

Solubility in/Miscibility with water : No information available

Partition coefficient

(n-octanol/water), log Pow : No information available

Viscosity (Dynamic) : No information available (n-octanol/water)

SECTION 10 : STABILITY AND REACTIVITY

Chemical stability : Stable at environment temperature

Possibility of hazardous reactions : No information available

Conditions to avoid : Refer to section 7 for information of safe handling and safe storage

Incompatible materials : Refer to section 7 for information of safe handling and safe storage

Hazardous decomposition products : No decomposition if instruction for storage and handling are followed

Irritating and toxic gases/fumes

Other information : No information available

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute toxicity

Oral : No information available

Dermal : No information available

Inhalation : No information available

Skin corrosion/irritations : No information available

Serious eye damage/irritation : No information available

Respiratory or skin sensitization

Respiratory : No information available

Skin : No information available

Mutagenicity (germ cell mutagenicity) : No information available

Carcinogenicity

IARC : Not listed

NTP : Not listed

EU : Not listed

OSHA : Not listed

Reproductive toxicity : No information available

Specific target organ toxicity (STOT)

Single exposure : No information available

Repeated exposure : No information available

Aspiration hazard : No information available

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity : No information available

Persistence and degradability : No information available

Mobility in soil : No information available

Bioaccumulative potential : No information available

Other adverse effects : No information available

SECTION 13 : DISPOSAL CONSIDERATIONS

Refer to section 7-Handling and storage. Must be specially treated adhering to official regulations or pass to licensed waste management contractor. Disposal of the product should be in accordance to local, state and national regulations.

SECTION 14 : DISPOSAL CONSIDERATION

UN class/UN number : Not regulated
UN proper shipping name : Not regulated
Transport hazard class(es) : Not regulated
Packing group : Not regulated
Environmental hazards : Not applicable
Special precautions for user : Not applicable
Transport in bulk according to : Product name: Fatty Acids, C16+, pollution category: Y, ship type: 2
IBC code

SECTION 15 : REGULATORY INFORMATION

UN class/UN number : Not regulated
UN proper shipping name : Not regulated
Transport hazard class(es) : Not regulated
Packing group : Not regulated
Environmental hazards : Not applicable
Special precautions for user : Not applicable
Transport in bulk according to : Not applicable
IBC code

SECTION 16: OTHERS INFORMATION

Department issuing SDS : QA/QC
Revision number : 0 (initial issue)
Revision date : 13 July 2020
Reference:
-Globally Harmonized System of Classification and Labeling for Chemicals (GHS).
Third Revised Edition

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