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THE BTTCO OVERSEAS

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from local roots to global routes

Material Safety Data Sheet

Glycerol Mono Stearate – AS /Glycerol Mono Stearate (Acid Stable)

Section 1-Product Identification & Company Information

Product Name : Glycerol Mono Stearate – AS /Glycerol Mono Stearate (Acid Stable)

Synonyms : Glycerol Monostearate, GMS Acid Stable, Glyceryl Monostearate Acid Stable, Glyceryl Stearate Acid Stable, Monostearin Acid Stable, GMS AS, E471 Acid Stable, Self-Emulsifying GMS, Acid Resistant GMS.

CAS No : 31566-31-1/123-94-4

Company Name & Address : The BTTCO Overseas
6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall,
Navrangpura, Ahmedabad 380009, India

Telephone Number : +91-94265 96891
Contact Person : Mr. Dinaish Lunkad

Section 2- Composition/Information on Ingredients

Fatty Acids : Stearic Acid
Polyols : Glycerin
The product has been identified as non - hazardous

Section 3- Hazards Identification

Not classified as dangerous according to EEC Dangerous Substance Directive and Dangerous Preparation Directive.

Section 4- First Aid Measures

Eye contact : Immediately rinse with water. If symptoms persist, seek medical advice.
Skin contact : The product being solid sticks to skin, Wash before cooled on the skin with soap and water.
Inhalation : Not likely to occur.
Ingestion : Only when conscious, rinse mouth, give plenty of water to drink (approx.500 ml). Contact physician if larger quantity has been swallowed

Section 5- Fire Fighting Measures

Extinguishing media : Water spray, Fog or mist, Foam, Powder, Carbon dioxide

Fire Hazards : Non-flammable. If involved in a fire it will support combustion. Do not breath fumes.

Hazardous combustion products : No typical hazardous decomposition products known.

Section 6- Accidental Release Measures

Personal precautions : For personal protection see Section 8.

Environmental precautions : Prevent discharge of larger quantities to drain or water courses.

Methods cleaning up : Larger spill: Contain spill with inert material. Absorb in vermiculite, dry sand or earth. Place in container for disposal according to local regulations. Small quantities may be flushed to drains with plenty of water.

Section 7- Handling and Storage

Handling : The usual precautions for handling chemicals should be observed.
Storage : No specific storage precautions noted.

8. Exposure Controls/Personal Protection

Exposure limits comments : No exposure limits have been established.

Engineering controls : The usual precautions for handling chemicals should be observed.

Personal protection Hand : Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Neoprene or nitrile.

Section 9- Physical and Chemical Properties

Appearance : Flakes.
Colour : White to Snow White
Odour : Mild Fatty

Iodine Value	: 5.0 max.
Free Glycerine % by mass	: 8.0 max.
pH of 5% susp. In water	: 4 max.
Flash point (ºC)	: > 150°C
Solubility in water	: In warm water, Alcohol, Acetone etc.
Melting Point ºC	: 54 - 60ºC

Section 10- Stability and Reactivity

Stability	: Normally stable.
Hazardous decomposition products	: Carbon Mono Oxide & Carbon Di Oxide on burning
Incompatibility (Keep away from)	: Strong Oxidizers such as Hydrogen Peroxide, Bromine, Chromic Acid

Section 11- Toxicological Information

Toxicological data Health effects

Respiratory	: Not likely to occur.
Skin	: Prolonged or frequent contact may give transient redness and skin cracking.
Eyes	: Slightly irritating.
Ingestion	: Low acute toxicity.

Section 12- Ecological Information

Ecotoxicological data : Not available.

Section 13- Disposal Considerations

Waste Disposal : Incineration is recommended. Dispose of in accordance with local authority requirements.

Section 14- Transport Information

DOT/IATA/IMDG/IMO

Not dangerous goods, according to international transport regulations.

Section 15- Regulatory Information

Substance name : Fatty acid esters (Glycerol Mono Stearate with Acidic pH)
Symbols : Non-Hazardous
Other information : Not classified as dangerous

Section 16- Other Information

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