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Material Safety Data Sheet
POLYSORBATE 20

Section 1-Product Identification & Company Information

Product Name : POLYSORBATE 20

Synonyms : Polyoxyethylene (20) Sorbitan Monolaurate, Tween 20, Polysorbate-20, Sorbitan Monolaurate Ethoxylate, PEG-20 Sorbitan Monolaurate, Ethoxylated Sorbitan Laurate, POE (20) Sorbitan Monolaurate

CAS No : 9005-64-5

Company Name & Address : The BTTCO Overseas
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Section 2- Composition/Information on Ingredients

Sorbitan Mono Laurate, Ethoxylated : 97 – 100% by weight

Section 3- Hazards Identification

Potential Health Effects

Inhalation : No evidence of adverse effects from available information.
Eye Contact : May cause Irritation
Skin Contact : No evidence of adverse effects from available information.
Ingestion : No evidence of adverse effects from available information.

Section 4- First Aid Measures

Eye contact : Immediately rinse with water for about 15 – 20 min.
If symptoms persist, seek medical advice.
Skin contact : Wash the skin with soap and water.
Inhalation : Remove from area of exposure seek medical attention if symptoms persist.

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

Flash Point : >450°F (232°C)

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.

Special Fire Fighting Procedure : Use water spray to cool drums exposed to fire.

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. Remove sources of ignition contain spill to smallest area. Wash with Detergent to remove oil films. Greasy nature will result in slippery surface.

Section 7- Handling and Storage

Handling : The usual precautions for handling chemicals should be observed.
Storage : Store and use in well-ventilated areas. Do not store or use near heat, spark or flame.

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

Boiling Point, 760 mm Hg : >100°C (212°F)
Acid Value mgKOH/gm : 2.0 max
Saponification value mgKOH/gm : 40 – 50
OH value : 96 – 108
Flash point (°C) : > 150
Solubility in water, 5% by Volume : Soluble
Appearance & Odor : Yellow liquid with bland odor

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 : Sorbitan Mono Laurate, Ethoxylated.
Symbols : Non-Hazardous
Other information : Not classified as dangerous

Section 16- Other Information

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