

SAFETY DATA SHEET

Revision No : 02

Revision Date: 12.05.2015

1. PRODUCT & COMPANY IDENTIFICATION

Trade Name : Polysorbate 20

Company Name : Charkit Chemical Company LLC.
32 Haviland Street
South Norwalk, CT 06854
USA

Telephone / Fax (Emergencies) : Chemtrec: 1-800-424-9300 (USA), 1-703-527-3887 (Intl)

2. HAZARD IDENTIFICATION

Personal Hazard :

Eye Contact : May cause temporary irritation.

Skin Contact : May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion : May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation : May cause respiratory tract irritation. May be harmful if inhaled.

Chronic : Not available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description : POLYOXYETHYLENE SORBITAN MONO LAURATE

CHEMICAL NAME	CAS NO.	CONC.%	CLASSIFICATION
Polyoxyethylene Sorbitan Mono Laurate	9005-64-5	97.0 Min	--

4. FIRST AID MEASURES

Eyes : Flush eyes with water as a precaution.

Skin : Wash off with soap & plenty of water. Consult a physician.

Inhalation : Move exposed individual to fresh air. Give oxygen or artificial respiration if needed. Consult a physician.

Ingestion : Never give anything by mouth to an unconscious person. Get medical aid immediately.

5. FIRE FIGHTING MEASURES

Extinguishing media : Use Water spray, dry chemicals. Carbon dioxide or appropriate foam.

Special Fire Fighting Procedures : As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

6. ACCIDENTAL RELEASE MEASURES

Methods of Cleaning up : Clean up spills immediately, observing precautions in the Protective Equipment section.

Protective Clothing : Use proper personal protective equipment as indicated in Section 8.

7. HANDLING & STORAGE

Handling : Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage : Store in a cool, dry place. Keep container closed when not in use.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

- Engineering Controls : Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
- Personal Protection : For eye and face protection wear chemical workers goggles. For other clothing and equipment, rubber or PVC gloves and protective clothing, an eyewash emergency shower should be available. Use fresh clothing, daily take hot shower after work using plenty of soap. Launder contaminated clothing before reuse.

9. PHYSICAL & CHEMICAL PROPERTIES

- | | | | |
|-------------|----------------------------|-------------------------|---------------|
| Appearance | : Clear viscous liquid. | Specific Gravity @ 30°C | : Approx 1.06 |
| Colour | : Brownish yellow to amber | Solubility in water | : Soluble |
| Odour | : Characteristics. | pH value (5%) | : 6.0 - 8.0 |
| Flash Point | : Above 110°C. | Other | : N/A. |

10. STABILITY & REACTIVITY

- Stability : Stable under normal temperatures and pressures.
- Conditions to avoid : Incompatible materials.
- Incompatibilities with Other Materials : Strong oxidizing agents.
- Hazardous Polymerization : Has not been reported
- Hazardous Decomposition Products : Irritating and toxic fumes and gases.

11. TOXICOLOGICAL INFORMATION

- Acute Toxicity : Not known.
- Chronic Effect : Not known.

12. ECOLOGICAL INFORMATION

General Notes : Do not allow product to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATION

Recommended Disposal : Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

- Department of transportation (DOT) : N/A.
- Shipping Designation : Not regulated.
- Transport temperature : Ambient
- Loading / unloading temperature : Ambient
- Static hazard : Not listed in hazardous chemicals.

15. REGULATORY INFORMATION

- Hazard Symbols : Not Listed.
- Risk Phrases : N/A.
- Safety Phrases : S 24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

INFORMATION IN THIS MSDS ARE BASED ON OUR PRESENT KNOWLEDGE. HOWEVER, IT IS PROVIDED WITHOUT ANY WARRANTY AND SHALL BE USED ONLY AS A GUIDE.

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