Safety Data Sheet

Review Date : 4-Oct-2023

Section 1 - Chemical Product and Company Identification

Product Name	Brij-35® (30% Aq. solution) (Polyoxyethylene Lauryl Ether, Brij-L23)
Product Code	B-02237
CAS No	9002-92-0
Use for	Laboratory Chemicals.
Company Name	BIO-CHEM Chemical
Address	5455 NicholsonRoad, Science Market Ambala Cantt, 133001 - Haryana +91 82952 41953 info@biofinechemical.com - www.biofinechemical.com

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EC #
9002-92-0	Brij-30® (30% Aq. solution)	<=100	500-002-6

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Not available

Potential Health Effects

Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause irritation of the digestive tract. Expected to be a low ingestion hazard.
Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
Notes to Physician: no data available

Section 5 - Fire Fighting Measures

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 7 - Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Storage: Store in a cool, dry place. Store in a tightly closed container in a dry and well-ventilated place.

Section 8 - Exposure Control / Personal Protection

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday
Hand protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures
General industrial hygiene practice.

Section 9 - Physical and Chemical Properties

Physical State: Form: Semi-solid melting to a liquid
Color: white
Melting point/freezing: Melting point/range: 39 - 43 °C
Initial boiling point and boiling range :100 °C at 1.013 hPa
Flash point: 113 °C - closed cup

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials.
Incompatibilities with
Other Materials : Strong oxidizing agents.
Hazardous Decomposition
Products : Nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization : Will not occur.

Section 11 - Toxicological Information

Acute toxicity
LD50 Oral - rat - 1.000 mg/kg
Remarks: Gastrointestinal:Ulceration or bleeding from stomach. Gastrointestinal:Other changes.
Liver: Fatty liver degeneration.
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. **Additional Information**
RTECS: MD0875000

Section 12 - Ecological Information

Toxicity
Toxicity to fish LC50 - Cyprinus carpio (Carp) - 1,4 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates
LC50 - Daphnia magna (Water flea) - 6,46 mg/l - 48 h **Bioaccumulative potential**
Bioaccumulation Cyprinus carpio (Carp) - 72 h - 1 mg/l
Bioconcentration factor (BCF): 220

Section 13 - Disposal Considerations

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging : Dispose of as unused product

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not available	Not available	Not available
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available