

MATERIAL SAFETY DATA SHEET

www.britisscientific.com

Section 1- Chemical Product Information and Company Identification.

Product Name: : Osmolality Standard 400 mOsm/Kg (Prepared and tested according to USP Monograph methods).
Synonym: : NA.
Product code: : BS12549.
CAS Number: : NA.
Company Name: : Briti Scientific.
Company Address: : Plot No:78/B/13, SY-79,Phase-VI, Jeedimetla, Hyderabad-500 055. Telangana, India.

Section 2- Hazards Identification.

Classification

Classification according to Regulation (EC) No 1272/2008.

The product is not classified, according to the CLP regulation.

Label Elements

None required.

Signal word

None required.

Hazards not otherwise classified (HNOC)

None identified.

Section 3- Composition / Information on Ingredients.

Proprietary:

No components need to be disclosed according to the applicable regulations.

Section 4- First Aid Measures.

General information: No special measures required.

Eye Contact: Promptly wash eyes with plenty of water for up to 15 minutes. Open eyes wide apart and rinse well to remove any contact lenses. Do not remove contact lenses by hand. Continue to rinse. Get medical attention if symptoms persist.

Skin Contact: Generally the product does not irritate the skin.

Inhalation: Provide fresh air, warmth and rest. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Obtain medical attention if any discomfort continues.

Ingestion: If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed: No information available.

Notes to Physician: Treat symptomatically.

Section 5- Fire Fighting Measures.

Suitable Extinguishing Media: Indications shall be given whether any extinguishing media are inappropriate for a particular situation involving the substance or mixture. Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable Extinguishing Media: No information available.

Specific Hazards Arising from the Chemical: No information available.

Special protective actions for fire-fighters: Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

Section 6- Accidental Release Measures.

Personal Precautions: Not required.

Environmental Precautions: Advice shall be provided on any environmental precautions to be taken related to accidental spills and release of the substance or mixture, such as keeping away from drains, surface and ground water.

Methods for Containment and Clean Up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Section 7- Handling and Storage.

Handling: No special measures required.

Storage: Not required.

Section 8- Exposure Control/Personal Protection.

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures: None under normal use conditions.

Personal Protective Equipment:

Eye/face Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Skin and body protection: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Always ensure that gloves are inspected before use. Selection of protective gloves must include consideration of the penetration times along with rates of diffusion and degradation. The selected glove should comply with the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it.

Respiratory Protection: No protective equipment is needed under normal use conditions.

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

Section 9- Physical and Chemical Properties.

Physical State: Liquid

Appearance: According to product specification

Odor: Characteristic

Odor Threshold: Not determined.

pH: Not determined.

Melting Point/Range: Undetermined.

Boiling Point/Range: 100 °C

Flash Point: Not applicable.

Evaporation Rate: Not applicable.

Flammability (solid, gas): Not applicable

Flammability or explosive limits

Upper: Not applicable.

Lower: Not applicable.

Vapor Pressure: 23 h Pa

Vapor Density: 1.2696 g/cm³

Specific Gravity: Not determined.

Solubility: Miscible in water.

Partition coefficient; n-octanol/water: Not determined.

Autoignition Temperature: Not determined.

Decomposition Temperature: Not determined.

Viscosity: Not determined.

Molecular Formula: Not determined.

Molecular Weight: Not determined.

Section 10- Stability and Reactivity.

Reactive Hazard : None known, based on information available.

Stability: Stable.

Thermal decomposition: No decomposition if used according to specifications.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No dangerous decomposition products known.

Hazardous Polymerization: No information available.

Hazardous Reactions: No dangerous reactions known.

Section 11- Toxicological Information.

Acute Toxicity

Based on available data, the classification criteria are not met.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: No information available.

Sensitization: No information available.

Carcinogenicity: No information available.

Mutagenic Effects: No information available

Reproductive Effects: No information available.

Developmental Effects: No information available.

Teratogenicity: No information available.

STOT - single exposure: None known.

STOT - repeated exposure: None known.

Aspiration hazard: No information available.

Symptoms / effects, both acute and delayed: No information available.

Endocrine Disruptor Information: No information available

Section 12- Ecological Information.

Ecotoxicity: No further relevant information available.

Persistence and Degradability: No information available.

Bioaccumulation/ Accumulation: No information available.

Mobility: No information available.

Section 13- Disposal Considerations.

Waste Disposal Methods: Smaller quantities can be disposed of with household waste.

Uncleaned packaging: Disposal must be made according to official regulations.

Section 14- Transport Information.

DOT : Not regulated

TDG : Not regulated

IATA : Not regulated

IMDG/IMO : Not regulated

Section 15- Regulatory Information.

United States of America Inventory

Legend:

TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X – Listed

'-' - Not Listed

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B))

TSCA 12(b) - Notices of Export Not applicable

TSCA - Per 40 CFR 751, Regulation of Certain Chemical Substances & Mixtures, Under TSCA Section 6(h) (PBT): Not applicable

TSCA 12(b) - Notices of Export Not applicable

International Inventories

KECL - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

U.S. Federal Regulations

SARA 313: Not applicable.

SARA 311/312 Hazard Categories: See section 2 for more information.

CWA (Clean Water Act): Not applicable.

Clean Air Act: Not applicable.

OSHA - Occupational Safety and Health Administration: Not applicable

Health Administration: Not applicable.

CERCLA: Not applicable.

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations: Not applicable.

Section 16- Other Information.

Briti Scientific provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.