

MATERIAL SAFETY DATA SHEET

1. Identification of the substance(s)

Product Name: 50 cm² Blue sponge dosed with 10 ml Saline Solution (0.9% NaCl) in 100 ml plastic container

Product Code: TS/15-A: NaCl

Alternative Name: Not applicable

Revision: 1

Date: 30.04.2012

Supplier: Technical Service Consultants Ltd

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2. Constitutions

50cm² Blue cellulose sponge dosed with 10 ml saline solution in a 100 ml plastic container. Sterile.

3. Hazard identification

Classification of preparation: Slightly hazardous in case of skin contact (irritant, permeator). Non-corrosive for skin. Non-corrosive to the eyes. Non-corrosive for lungs.

Symbol: Not applicable

Risk Phrases: Not applicable.

Safety Phrases: S36.

CAS number: Mixture: Sodium Chloride – 7647-14-5; Water – 7732-18-5

EC-No.: Mixture.

Chemical characterisation: Saline Solution

Percentage contained in product (% by weight): Sodium Chloride – 0.9; Water – 99.1

4. First aid measures

General information: No special measures required.

Eye contact: Rinse opened eye for several minutes under running water.

If symptoms persist, seek medical attention.

Inhalation: Remove from exposure. In case of complaints obtain medical attention.

Skin contact: Wash with water and soap and rinse thoroughly.

Ingestion: If symptoms persist obtain medical attention.

5. Fire-fighting measures

Special risks: Combustible. May evolve toxic fumes in fire. Potentially explosive reaction with dichloromaleic anhydride + Urea (Sodium chloride)

Extinguishing media: Dry chemical powder, or appropriate foam. Water maybe effective for cooling, but not extinguishment.

6. Accidental release measures

Person-related safety precaution: Not required

Environmental protection: Damp with water spray

Cleaning/Waste collection: No special measures required

Additional information: No dangerous substances are released

7. Handling and storage

Handling: No special measures required. Normal laboratory safety procedures should be observed.
Storage: Storage at < 30⁰C Store in dry and ventilated area away from heat and ignition sources. Protect from light and moisture in tightly closed original containers.

8. Exposure controls/personal protection

The usual precautions should be observed for handling chemicals

Respiratory protection: A protective face mask, as needed.
Eye protection : Wear safety glasses, as needed.
Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.
Body protection : Protective work clothing

9. Physical and chemical properties

Appearance:	Plastic container with sponge and liquid.	Vapour pressure:	Not applicable
Colour:	Colourless	Water Solubility:	Soluble
Odour:	Not applicable	Explosive Properties:	Not applicable
pH:	Neutral	Oxidising Properties:	Not applicable
Melting temperature:	Not applicable	Flash point:	Not applicable
Boiling temperature:	Not applicable	Relative Density:	No data
Density(g/L):	9 (Sodium chloride)		

10. Stability and reactivity

Reactivity: The material is supplied in a stable condition.
Decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information (Sodium Chloride)

Routes of Entry: Absorbed through skin. Eye contact.
Toxicity to Animals: LD50: Not available. LC50: Not available.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals: Lowest Published Lethal Dose (LDL) [Man] -Route: Oral; Dose: 1000 mg/kg
Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects:
Eyes: Causes eye irritation.
Ingestion: Ingestion of large quantities can irritate the stomach (as in overuse of salt tablets) with nausea and vomiting. May affect behaviour (muscle spasticity/contraction, somnolence), sense organs, metabolism, and cardiovascular system.
Continued exposure may produce dehydration, internal organ congestion, and coma.
Inhalation: Material is irritating to mucous membranes

12. Ecological information

No data available.

13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by national regulations that vary according to locality. For advice on disposal, contact your local waste disposal authority, or pass to a chemical disposal company.

14. Transport information

	Class	Packaging group	Substance Risk	UN no.
Road: (GGVS, GGVE, ADR, RID)	: N/A	Non-hazardous	N/A	N/A
Air: (IATA, ICAO)	: N/A	Non-hazardous	N/A	N/A
Sea: (IMDG, GGVS)	: N/A	Non-hazardous	N/A	N/A

15. Regulatory information

Classification packaging/labelling (Directive 88/379/EEC):-

Hazard Symbol : Not applicable.

Risk phrases : Not applicable.

Safety phrases : S36- Wear suitable protective clothing.

16. Other information

Revision: 1	Supersedes issue 17.07.2007
Changes in Section:	Change of address and logo
Date of issue:	30.04.2012

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information given in the data sheet does not constitute the user's own assessment of risk as required by Health & Safety legislation currently in force. All chemicals should be handled only by competent personnel within a suitably controlled environment. Technical Service Consultants Limited shall not be held liable for any damage from handling or from contact with the product(s).