

61072X
67011X
67012X

Material Safety Data Sheet
PHOSPHATE-BUFFERED SALINE pH 7.0
(READY-TO-USE) WITH AZIDE

Clin-Tech Ltd

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Product Name PHOSPHATE-BUFFERED SALINE pH7.0
(READY-TO-USE) WITH AZIDE

Product Codes 61072X, 67011X, 67012X

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM HYDROXIDE	215-185-5	1310-73-2	0-1%	C; R35
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE ANHYDROUS	231-913-4	7778-77-0	0-1%	
DISODIUM HYDROGEN ORTHOPHOSPHATE ANHYDROUS	231-448-7	7558-79-4	0-1%	
SODIUM CHLORIDE	231-598-3	7647-14-5	1-5%	
SODIUM AZIDE	247-852-1	26628-22-8	0-0.1%	T+; R28 R32 N; R50/53

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION

CLASSIFICATION

This product has no hazard classification.

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4. FIRST-AID MEASURES

INHALATION

Not relevant.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Seek medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if discomfort occurs.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Wash spillage site with water.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
SODIUM AZIDE	WEL		0.1 mg/m ³ (DEN)		0.3 mg/m ³ (UK)

WEL – Workplace Exposure Limits

PROTECTIVE EQUIPMENT



HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless Liquid
ODOUR	No characteristic odour.
SOLUBILITY	Soluble in water
BOILING POINT	~ 101°C @ 760 mm Hg
RELATIVE DENSITY	~ 1.08 - 1.10 @ 20°C

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

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11. TOXICOLOGICAL INFORMATION

INHALATION

No specific health warnings noted.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Prolonged or repeated exposure may cause irritation.

EYE CONTACT

Prolonged contact may cause transient eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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15. REGULATORY INFORMATION

RISK PHRASES

NC Not Classified

SAFETY PHRASES

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

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16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION COMMENTS

Constituent levels - R & S phrases reassessed.

REVISION DATE

10-2008

REV. NO./REPL. SDS GENERATED

3 / 09-2006

RISK PHRASES IN FULL

R28	Very toxic if swallowed
R32	Contact with acids liberates very toxic gas
R35	Causes severe burns
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment