1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME PHOSPHATE-BUFFERED SALINE pH 7.0, 20x CONCENTRATE
20x Concentrate, with Azide

PRODUCT CODE 69168x

SUPPLIER Clin-Tech Limited
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2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)	H302
Chronic Aquatic Toxicity (Category 4)	H413

LABELLING ACCORDING TO REGULATION (EC) NO 1272/2008 [EU-GHS/CLP]

WARNING

Hazard statement(s)

H302	Harmful if swallowed
H413	May cause long-lasting harmful effects to aquatic life

Precautionary statement(s)

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P273	Avoid release to the environment

CONTINUED OVERLEAF

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
SODIUM AZIDE	247-852-1	26628-22-8	0.1-0.25%	Acute Tox. 2; Aquatic Acute 1, Aquatic Chronic 1 H300 H410
SODIUM CHLORIDE	231-598-3	7647-14-5	10-20%	
POTASSIUM DIHYDROGEN o-PHOSPHATE	231-913-4	7778-77-0	1-5%	
DISODIUM HYDROGEN o-PHOSPHATE	231-448-7	7558-79-4	1-5%	

4. FIRST-AID MEASURES

INHALATION
Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

INGESTION
Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention immediately.

SKIN CONTACT
Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

EYE CONTACT
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE
Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid aerosol formation. Avoid breathing aerosols.

ENVIRONMENTAL PRECAUTIONS
Do not allow spillage to enter watercourses. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS
Sweep up into bag and hold for hazardous disposal. Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Avoid aerosol formation. Provide adequate exhaust function where aerosols are raised.

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

STORAGE CLASS
Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT

HAND PROTECTION
Use protective gloves. The most suitable glove should 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.

RESPIRATORY EQUIPMENT
Self-contained breathing apparatus where high aerosol levels are likely.

OTHER PROTECTION
Provide eyewash station.

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	None
SOLUBILITY / MISCIBLE WITH	Water, Alcohol
BOILING POINT	~ 105 °C

10. STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

INCOMPATIBLE MATERIALS
Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

INHALATION
May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION
Harmful if swallowed.

SKIN CONTACT
May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT
May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY
Avoid release to the environment. Product may cause long-lasting harmful effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
RID / ADR	*Not regarded as hazardous for transport*			
IATA				
IMDG				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	06
Revision Date	10/2015
Comments	CHIP regulations removed
Replaces Document Generated	06/2013

HAZARD & RISK PHRASES IN FULL

H300	Fatal if swallowed
H302	Harmful if swallowed
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life