

Section 1: Identification of the Substance/Mixture and of Supplier

Product name: **GLASSTEC**
Recommended use: As a concentrated machine glass cleaner.
Supplier: Space Industries Limited
Street Address: 160 Plunket Ave,
 Wiri, Auckland
 New Zealand
Telephone Number: + 64 9 262 3902
Facsimile: + 64 9 262 3948
E-mail: orders@spaceindustries.co.nz
Website: www.spaceindustries.co.nz
Emergency Telephone: 0800 764 766 (all hours)
Date of preparation: 11 April 2017

Section 2: Hazards Identification


ERMA Approval Code: HSR002530
Hazard Classification: 6.1E - May be harmful if swallowed
 8.2C - Causes severe skin burns and eye damage
 8.3A - Causes serious eye damage
 9.1C - Harmful to aquatic life with long lasting effects
Prevention
 Keep out of reach of children
 Read label before use
 Do not breathe dust
 Wash thoroughly after handling
 Wear protective gloves and clothing
 Wear eye/face protection
 Avoid release into the environment

Section 3: Composition/information on ingredients

Product Description:	Glass cleaner
Component(s):	CHLORINATED TRISODIUM PHOSPHATE >80.0% 11084-85-8

Section 4: First Aid Measures

Show this Safety Data Sheet to a Doctor

Inhalation:	Remove to fresh air and keep in a position comfortable for breathing. Immediately call a POISON CENTRE or Doctor
Skin Contact:	Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
Eye Contact:	Irrigate eyes with generous quantities of water for 15 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention if effects persist.
Ingestion:	Rinse mouth. DO NOT induce vomiting. Give a glass of water to effectively dilute the product. Seek medical attention
Notes for the Doctor:	Treat symptomatically.
For advice, contact the Poisons Information Centre 0800 764 766 or a doctor	

Section 5: Fire Fighting Measures

Specific Hazards:	The product is not flammable. The product is non-combustible, however, the packaging material may burn to emit noxious fumes.
Suitable Extinguishing Media:	Extinguish fires with water spray, foam, carbon dioxide or dry chemical powder.
Fire-fighting advice:	Fire fighters should wear a self contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.

Section 6: Accidental Release Measures

Emergency Procedures	Keep spectators away – rope off the area. Avoid accidents, clean up immediately. Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination.
Methods and Materials for Containment and Clean Up Minor spills:	Clean up all spills immediately. Avoid contact with skin and eyes. Control personal contact by using protective equipment. Use dry clean up procedures and avoid generating dust. Place in a suitable labelled container for waste disposal.
Major Spills:	Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Consider evacuation (or protect in place). Collect recoverable product into labelled containers for recycling. Neutralise/decontaminate residue. Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. If contamination of drains or waterways occurs, advise emergency services.

Section 7: Handling and Storage

Handling:	<ul style="list-style-type: none"> • Avoid all personal contact, including inhalation. • Wear protective clothing when risk of exposure occurs. • Use in a well-ventilated area. • Prevent concentration in hollows and sumps. • DO NOT allow material to contact humans, exposed food or food utensils. • Avoid contact with incompatible materials. • When handling, DO NOT eat, drink or smoke. • Keep containers securely sealed when not in use. • Avoid physical damage to containers. • Always wash hands with soap and water after handling. • Work clothes should be laundered separately. Launder contaminated clothing before re-use. • Use good occupational work practice. • Observe manufacturer's storing and handling recommendations. • Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.
Storage Incompatibility:	<p>Contact with acids produces toxic fumes of chlorine.</p> <p>Phosphates are incompatible with oxidising and reducing agents.</p> <p>Phosphates are susceptible to formation of highly toxic and flammable phosphine gas in the presence of strong reducing agents such as hydrides.</p> <p>Partial oxidation of phosphates by oxidizing agents may result in the release of toxic phosphorus oxides.</p>
Storage:	<p>Keep containers securely sealed.</p> <p>Store in a cool, dry, well-ventilated area.</p> <p>Store away from incompatible materials and foodstuff containers.</p> <p>Protect containers against physical damage and check regularly for leaks.</p> <p>Observe manufacturer's storing and handling recommendations.</p>

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:	No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).
Engineering Control Measures:	Use in well ventilated areas
Personal Protective Equipment:	Protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate to prevent skin contact. Safety glasses or goggles

Section 9: Physical and Chemical Properties

Physical state:	Powder
Colour:	Pink
Odour:	Slight Chlorine odour
Boiling/melting Point:	60
Specific Gravity/Bulk	S.G. .75 - .9g/cm ³
Vapour Pressure:	Not available
Flash Point (°C):	Not available
Percent Volatilise:	Not available
Flammability Limits:	Not available
pH:	11.7

Autoignition Temperature:	Not available
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Section 10: Stability and Reactivity

Stability:	Product is stable under normal conditions of use, storage and temperature.
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Section 11: Toxicological Information

Ingestion:	Accidental ingestion of the material may be damaging to the health of the individual. The material can produce severe chemical burns within the oral cavity and gastrointestinal tract following ingestion.
Eye contact:	The material can produce severe chemical burns to the eye following direct contact. Vapours or mists may be extremely irritating. If applied to the eyes, this material causes severe eye damage.
Skin contact:	The material can produce severe chemical burns following direct contact with the skin.
Inhalation:	Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. Gastrointestinal disturbances may also occur. Chronic exposures may result in dermatitis and/or conjunctivitis.
Chronic Health Effects:	<p>Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. Gastrointestinal disturbances may also occur. Chronic exposures may result in dermatitis and/or conjunctivitis.</p> <p>TOXICITY AND IRRITATION</p> <p>TOXICITY</p> <p>Oral (rat) LD50: 3190-4670 mg/kg bw Oral (rabbit) LD50: >2000 mg/kg bw</p> <p>IRRITATION</p> <p>Skin Irritation: Draize score 2.75 Mildly irritating* Skin Corrosive: pH 1% Solution 11.7 at 20°C Eye Irritation: Corneal opacity occurring within 72 hours did not exceed 2* Iris lesions occurring within 72 hours did not exceed 1* Eye Corrosive: pH 1% Solution 11.7 at 20°C</p>

Section 12: Ecological Information

Environmental fate, persistence and degradation:	<p>Avoid contaminating waterways.</p> <p>High concentrations in receiving waters will injure aquatic life by raising pH and by chlorination effect.</p> <p>The orthophosphate can act as a plant nutrient and precipitate heavy metals.</p> <p>Biodegradable</p>
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Section 13: Disposal Considerations

<ul style="list-style-type: none"> • Recycle wherever possible. Special hazard may exist - specialist advice may be required. • Consult approved Waste Management Company for disposal options. • Treat and neutralise residue at an approved site.
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- Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.
 - Puncture containers to prevent re-use and bury at an authorised landfill.
- Do not incinerate.

Section 14: Transport Information

Road and Rail Transport:	Classified as a non - dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
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Section 15: Regulatory Information

Classification:	Non hazardous
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Section 16: Other Information

Issue Date: 11 April 2017

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