

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

Product name: SAF-T-SHINE POWDER

Recommended use: Powdered warewashing detergent

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: HSR004693

Hazard Classification: 8.2C – Corrosive to dermal tissue
8.3A – Corrosive to ocular tissue

Section 3: Composition/information on ingredients

Product Description: Powdered warewashing detergent

Hazardous Component(s): Sodium Metasilicate

CAS Number: 10213-79-3

Proportion: 50%

Risk Phrases: R34

Section 4: First Aid Measures

Show this Safety Data Sheet to a Doctor

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing.

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.
Ingestion:	Rinse mouth. DO NOT induce vomiting. Give a glass of water to effectively dilute the product. Seek immediate medical attention
Notes for the Doctor:	Treat symptomatically and as for strongly alkaline corrosive material.
For advice, contact the Poisons Information Centre 0800 764 766 or a doctor	

Section 5: Fire Fighting Measures

Specific Hazards:	Product is non-combustible. In a fire, overheated drums may rupture but the product will not support combustion 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 and full protective clothing along with protective equipment.

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	Carefully scoop up or shovel up uncontaminated product for re-use. Sweep up contaminated material and dispose of in an area approved by local authority by-laws. Residues may be safely flushed to drain, if permitted. Do not incinerate – the by product can be hazardous.

Section 7: Handling and Storage

Handling:	<ul style="list-style-type: none"> • Ensure an eye bath and safety shower are available and ready for use. • Observe good personal hygiene practices and recommended procedures. • Do not breathe in mist/spray. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product. • Store away from foodstuffs. • Avoid eye and skin contact.
Storage:	<ul style="list-style-type: none"> • Keep only in original container. • Store in a cool, dry, well-ventilated area.. • Inspect regularly for deficiencies such as damage. • Protect against physical damage. • Store away from electrical switches and paintwork.

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	Ensure adequate ventilation.

Measures: Personal Protective Equipment:	Safety glasses with side shields. Rubber gloves Wear safety footwear Overalls.
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Section 9: Physical and Chemical Properties

Physical state: Odour: Boiling/melting Point: Specific Gravity/Bulk Density: Vapour Pressure: Flash Point (°C): Percent Volatilise: Flammability Limits: Autoignition Temperature:	Powder Bland odour 1088°C BD 2.4g/cm ³ Solid Not available None Not available None There is no fire hazard from this product or any of its ingredients.
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Section 10: Stability and Reactivity

Stability:	Product is stable under normal conditions of use, storage and temperature. The product is fully soluble in water. Safe to use with aluminium, tin and zinc coated metals
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Section 11: Toxicological Information

Ingestion: Eye contact: Skin contact: Inhalation:	Can be severely irritating Corrosive to eyes may cause severe and permanent damage. Can cause irritation on long and repeated contact, particularly if the skin is wet. Capable of causing irritation if dusty.
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Section 12: Ecological Information

Environmental fate, persistence and degradation:	Avoid contaminating waterways. The product is moderately strong alkaline; the pH is approx 13.0 – 13.8%. Toxic to terrestrial vertebrates. Biodegradable
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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. • 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.

Section 14: Transport Information



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SAFETY DATA SHEET

Road and Rail Transport:	Not classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
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Section 15: Regulatory Information

Classification:	8.2C, 8.3A
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Section 16: Other Information

.Issue Date: 11 April 2017

Note: All information given by Space Industries Ltd is offered in good faith and is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all information relevant to usage is offered without warranty or guarantee and should not be construed as a representation that the product is suitable for any particular purpose or application.