

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

Product name:	PER PLUS
Recommended use:	As a powdered stabilized laundry bleach safe for use with all fabrics
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:	No hazardous ingredients

Section 3: Composition/information on ingredients

Product Description:	Laundry bleach powder.	
Component(s):	Oxygen bleach powder equivalent to available oxygen	10.0%
	A powder blend of oxygen bleach and anti-caking agent	

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.

For advice, contact the Poisons Information Centre 0800 764 766 or a doctor

Section 5: Fire Fighting Measures

Specific Hazards:	The product itself is not flammable, however it may support the combustion of oxidizable materials such as paper, straw, sawdust, rags etc
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. Do not incinerate

Section 7: Handling and Storage

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

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 area.
Personal Protective Equipment:	The product itself is not listed as hazardous, but can cause eye irritation, safety glasses or goggles should be worn.

Section 9: Physical and Chemical Properties

Physical state:	Free flowing powder
Colour:	White
Odour:	odourless
Boling/melting Point:	M.P. 63°C
Specific Gravity/Bulk	Not available.

Vapour Pressure: Flash Point (°C): Percent Volatilise: Flammability Limits: Autoignition Temperature: pH:	No information available none 57% at 130 - 150°C None There is no fire hazard from the product or any of its ingredients. 10.2
--	---

Section 10: Stability and Reactivity

Stability:	Product is stable under normal conditions of use, storage and temperature. The product is fully soluble in water. The solubility rate in water is enhanced above 40°C. It is a mildly alkaline; the pH of 1% solution is 11.0 When bleaching, do not use iron, copper or brass vessels or fittings as these metals promote catalytic decomposition of the product.
-------------------	---

Section 11: Toxicological Information

Ingestion: Eye contact: Skin contact: Inhalation:	Capable of causing irritation Can severely irritate the eyes Can cause irritation on long and repeated contact. Capable of causing irritation if dusty.
--	--

Section 12: Ecological Information

Environmental fate, persistence and degradation:	Avoid contaminating waterways. biodegradable
---	---

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. 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.
---------------------------------	---

Section 15: Regulatory Information

Classification:	No hazardous ingredients
------------------------	--------------------------

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.