

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

**Product name:** **PERFORM**  
**Recommended use:** MPI Approved C31 (All animal product except dairy).  
**Supplier:** Space Industries1979 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](mailto:orders@spaceindustries.co.nz)  
**Website:** [www.spaceindustries.co.nz](http://www.spaceindustries.co.nz)  
**Emergency Telephone:** 0800 764 766 (all hours)  
**Date of preparation:** FEBRUARY 2022

## Section 2: Hazards Identification



**ERMA Approval Code:** HSR002526  
**Hazard Classification:** 6.1D, 8.1A, 8.2B, 8.3A, 9.3B

## Section 3: Composition/information on ingredients

**Product Description:** Liquid ware-washing detergent  
**Hazardous Component(s):** POTASSIUM HYDROXIDE  
**CAS Number:** 1310-58-3  
**Proportion:** 10 - 30%  
**Risk Phrases:** R41 – Risk of serious damage to eyes  
 R35 – Causes severe burns  
**Safety Phrases:** S 1/2 - Keep locked up and out of reach of children.  
 S24/25 – Avoid contact with eyes and skin  
 S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37/39 – Wear suitable protective clothing and gloves.  
 S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible)

## Section 4: First Aid Measures

Show this Safety Data Sheet to a Doctor

<b>Inhalation:</b>	Remove to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin Contact:</b>	Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
<b>Eye Contact:</b>	Irrigate eyes with generous quantities of water for 15 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention.
<b>Ingestion:</b>	Rinse mouth. DO NOT induce vomiting. Give a glass of water to effectively dilute the product. Seek immediate medical attention
<b>Notes for the Doctor:</b>	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

<b>Specific Hazards:</b>	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.
<b>Suitable Extinguishing Media:</b>	Extinguish fires with water spray, foam, carbon dioxide or dry chemical powder.
<b>Fire-fighting advice:</b>	Fire fighters should wear a self-contained breathing apparatus and full protective clothing along with protective equipment.

## Section 6: Accidental Release Measures

<b>Emergency Procedures:</b>	Spillage's are slippery. Keep spectators away – rope off the area. Avoid accidents, clean up immediately. Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination.
<b>Methods and Materials for containment and Clean Up:</b>	<p>Contain the spill and prevent run off into confined areas, drains and waterways.</p> <p><b>Large spills:</b> absorb with dry earth, sand or other similar material. Collect and seal in properly labeled drums for disposal in an area approved by local authority by-laws. Wash area down with excess water to remove residual material.</p> <p><b>Small spills:</b> may be safely mopped up and area washed with excess water. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.</p>

## Section 7: Handling and Storage

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

	<ul style="list-style-type: none"> <li>Inspect regularly for deficiencies such as damage or leaks.</li> <li>Protect against physical damage.</li> <li>Store away from electrical switches and paintwork.</li> <li>Transport and store upright</li> </ul>
--	--

## Section 8: Exposure Controls/Personal Protection

<b>Occupational Exposure Limits:</b>	No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).
<b>Engineering Control Measures:</b>	Ensure adequate ventilation.
<b>Personal Protective Equipment:</b>	Safety glasses with side shields. Rubber gloves Wear safety footwear Overalls.

## Section 9: Physical and Chemical Properties

<b>Physical state:</b> <b>Colour:</b> <b>Odour:</b> <b>Boiling/melting Point:</b> <b>Specific Gravity/Bulk</b> <b>Vapour Pressure:</b> <b>Flash Point (°C):</b> <b>Percent Volatilise:</b> <b>Flammability Limits:</b> <b>Autoignition Temperature:</b>	Low viscosity liquid Violet purple Bland odour Not available S.G. 1.07 17.5mm HG at 20°C None 70.0% at 100°C None There is no fire hazard from this product or any of its ingredients.
--	---

## Section 10: Stability and Reactivity

<b>Stability:</b>	Product is stable under normal conditions of use, storage and temperature.
<b>Conditions to Avoid</b>	Avoid boilers, heaters, hot pipes and sunlight. Avoid breathing mists and sprays.
<b>Incompatible Materials</b>	Avoid soft metals, including aluminium and galvanised surfaces. Do not mix with ammonium compounds, as toxic ammonia gas will be produced.
<b>Hazardous Decomposition Products:</b>	Not flammable, but may liberate flammable Hydrogen gas on contact with soft metals, including aluminium and galvanised surfaces

## Section 11: Toxicological Information

<b>Ingestion:</b>	Highly corrosive - cause burns upon ingestion.
<b>Eye contact:</b>	Corrosive to eyes, may cause severe damage
<b>Skin contact:</b>	Causes severe burns upon skin contact.
<b>Inhalation:</b>	Mists and sprays are capable of causing irritation when inhaled.

### Section 12: Ecological Information

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

### Section 13: Disposal Considerations

<ul style="list-style-type: none"> <li>• Recycle wherever possible. Special hazard may exist - specialist advice may be required.</li> <li>• Consult approved Waste Management Company for disposal options.</li> <li>• Treat and neutralise residue at an approved site.</li> <li>• Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.</li> <li>• Puncture containers to prevent re-use and bury at an authorised landfill.</li> </ul>
---

### Section 14: Transport Information

<b>Road and Rail Transport:</b>	Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
<b>UN No:</b>	1814
<b>Class-primary</b>	8
<b>Packing Group:</b>	II
<b>Proper Shipping Name:</b>	POTASSIUM HYDROXIDE
<b>Hazchem Code:</b>	2R
<b>Marine Transport:</b>	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS
<b>UN No:</b>	1814
<b>Class-primary</b>	8
<b>Packing Group:</b>	II
<b>Proper Shipping Name:</b>	POTASSIUM HYDROXIDE

### Section 15: Regulatory Information

<b>Classification:</b>	6.1D, 8.1A, 8.2B, 8.3A, 9.3B
------------------------	------------------------------

### Section 16: Other Information

Issue Date: FEBRUARY 2022
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.