

Safety Data Sheet



Vortex

1: Identification of the material and supplier

Names

Product Name: Vortex
Other Name:
Supplier: Chemform Pty Ltd (ABN: 50 008 905 119)
7 Kirke Street, Balcatta, WA 6021
Phone (08) 9344 2455 Fax: (08) 9344 4360 Email: admin@chemform.com.au
Emergency Telephone: Poisons Information Centre (Australia) 13 1126
Recommended Use: Heavy duty laundry powder

2: Hazardous Identification

Statement of Hazardous/ Dangerous Nature: Classified as hazardous according to the criteria of Safe Work Australia and classified as dangerous goods according to Australian Dangerous Goods Code.

Hazard Classification C Corrosive

Risk Phrase: R34 Causes burns
R36 Irritating to eyes
R37 Irritating to respiratory system

Safety Phrases: S1/2 Keep locked up and out of reach of children.
S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and face/eye protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Alkaline salts	6834-92-0/497-19-8	>60%
Non Hazardous Ingredients		Up to 100%

4: First Aid Measures

Ingestion: If swallowed, do NOT induce vomiting.
Eyes: If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek urgent medical assistance.
Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Advice to Doctor: Treat symptomatically as for strong alkali. Can cause corneal burn. Mucosal damage may contraindicate the use of gastric lavage.
First Aid Facilities: Eye wash station, fresh water
Long Term Effects: None known

5: Fire Fighting Measures

General Comment: The product is non combustible.
Specific Hazards: The product is a strong alkali and will react with acids generating heat.
Hazchem Code: 2X

6: Accidental Release Measures

Personal Precautions: Keep unnecessary personnel away.

Spills and Disposal: Sweep up and return to container. Remaining residues may be washed away with large quantities of water.

7: Handling and Storage

Handling: Always add product to water. Minimise direct contact with product.

Storage: Always replace lid on container after use.

Hygiene Measures: Always wash hands before eating, drinking, smoking or using the toilet.

8: Exposure Controls – Personal Protection

National Exposure Standards: No exposure standard has been established for this product by the Safe Work Australia. However, the exposure standard for dust not otherwise specified is 10mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

Engineering Controls: Avoid generation and inhalation of dusts of product.

Personal Protection:

Eyes: Face shield.

Hands: Nitrile gloves

Skin: Nitrile rubber splash apron and rubber boots.

9: Physical and Chemical Properties

Appearance: White powder
Odour: None
pH: 1% solution 11.0-12.0
Vapour Pressure: Not relevant
Vapour Density: Not relevant
Boiling Point: Not relevant
Melting Point: Not known
Solubility: Completely soluble in water
Specific Gravity: Not relevant

10: Stability and Reactivity

Chemical Stability:	The product is stable under normal conditions.
Conditions to Avoid:	Avoid extreme heat, high temperatures
Incompatible Materials:	The product will rapidly dissolve aluminium liberating highly flammable hydrogen gas.
Hazardous Reaction:	Reacts violently with acids liberating excessive heat.

11: Toxicological Information

Exposure Limits:	
Ingestion (acute):	Corrosive. Low systemic toxicity. Produces burning in the mouth and oesophagus, nausea, vomiting, abdominal pain, oedema (swelling of the larynx) with subsequent suffocation, coma and cardiovascular collapse.
Eye (acute):	A severe eye irritant. Highly corrosive to eyes. May cause conjunctivitis, corneal burns and ulceration. Permanent eye damage, including loss of sight, may occur.
Skin (acute):	Corrosive to skin. Irritant dermatitis may result from working with this material. Skin contact can result in little or no pain thus contamination of gloves or boots can be very damaging.
Inhalation (acute):	Not considered a feature of normal use. Inhalation of sprays or mists will result in respiratory irritation.
Chronic Effects:	Repeated or prolonged skin contact can cause chronic dermatitis.

12: Ecological Information

Environmental Protection:	Avoid contaminating waterways. Vortex is inherently biodegradable, uses portion control, labour or energy saving, chlorine free, uses recyclable waste reduced packaging and is VOC free.
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Refer to the Environmental Guide section of our website www.chemform.com.au for more information.

13: Disposal Considerations

Disposal Methods:	Disposal of this product and solutions of the product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities. Dispose of via licensed waste disposal carriers.
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14: Transport Information

UN Number:	1759
UN Proper Shipping Name:	Corrosive solid, N.O.S.
Class:	8
Subsidiary Risk:	None allocated
Packing Group:	II
Special Precautions	Ensure containers are clearly labeled. Keep containers securely sealed and protected against physical damage. Store away from acids. Do not use aluminium or galvanized containers. Steel or plastic containers suitable.
For users:	
Hazchem Code:	2X
IERG Number:	37

15: Regulatory Information

Packaging & Labelling: This product contains a Scheduled Poison (S6) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

16: Other Information

Prepared By: Brett Amos

Date of Previous Issue: February 2006

Change Made: Full review

References: Australian Dangerous Goods Code
List of Designated Hazardous Substances
National Code of Practice for the Preparation of Material Safety Data Sheets
Standard for the Union Scheduling of Drugs and Poisons

Contact Person/Point: Australia:
24 HOUR EMERGENCY CONTACT
Poisons Information Centre (Australia) 13 1126

LEGAL DISCLAIMER:

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF SAFETY DATA SHEET