

## Section 1 - Identification of Chemical Product and Company

Trade Name: Powersafe  
Product Use: Soak tank cleaner for metal parts.

**POWER**Tank

19-14 Airborne Rd  
Rosedale  
Auckland

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## Section 2 - Hazards Identification

### Statement of Hazardous Nature

#### Danger

- 6.1D Harmful if swallowed.  
8.2C Causes severe skin burns and eye damage.  
8.3A Causes serious eye damage.  
9.3C Harmful to terrestrial vertebrates.



## Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
Sodium Metasilicate	1344-09-8	>70
Other non hazardous ingredients		to 100

This is a commercial product whose exact ratio of components may vary slightly.

## Section 4 - First Aid Measures

### General Information:

You should call The Poisons Information Centre 0800 764 766 if you feel that you may have been poisoned, burned or irritated by this product. Have this MSDS with you when you call.

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Immediately Call a POISON CENTER or doctor/physician.

**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## Section 5 - Fire Fighting Measures

**Fire and Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are not expected to be hazardous or harmful.

**Extinguishing Media:** Not Combustible. Use extinguishing media suited to burning materials.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** Not Applicable.

**Upper Flammability Limit:** Not Applicable

**Lower Flammability Limit:** Not Applicable.

**Autoignition temperature:** Not applicable - does not burn.

## Section 6 - Accidental Release Measures

**Accidental release:** In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend that you use a suitable Dust Mask.

Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Contaminated area may be neutralised by washing with weak or dilute acid. Vinegar, citrus juice and most soft drinks may be suitable. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

## Section 7 - Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

## Section 8 - Exposure Controls and Personal Protection

Ingredients	CAS No	WES TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Sodium Metasilicate	1344-09-8	not set	not set
Other non hazardous ingredients		not set	not set

**Ventilation:** This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

**Eye Protection:** Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

**Skin Protection:** Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

**Protective Material Types:** We suggest that protective clothing be made from the following: rubber, PVC.

**Respirator:** If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask.

Eyebaths or eyewash stations and safety deluge showers should be provided near to where product is being used.

## Section 9 - Physical and Chemical Properties:

<b>Physical Description &amp; colour:</b>	White powder.
<b>Odour:</b>	Mild odour.
<b>Boiling Point:</b>	Not available.
<b>Freezing/Melting Point:</b>	No specific data. Solid at normal temperatures.
<b>Volatiles:</b>	Water component.
<b>Vapour Pressure:</b>	Negligible at normal ambient temperatures.
<b>Vapour Density:</b>	Not Applicable.
<b>Specific Gravity:</b>	No data.
<b>Water Solubility:</b>	Completely soluble in water.
<b>pH:</b>	No data. Strongly alkaline.
<b>Volatility:</b>	Negligible at normal ambient temperatures.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	No data.
<b>Coeff Oil/water Distribution:</b>	No data
<b>Autoignition temp:</b>	Not applicable - does not burn.

## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** Keep containers tightly closed. Containers should be kept dry.

**Incompatibilities:** acids, zinc, tin, aluminium and their alloys.

**Fire Decomposition:** Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness. Carbon dioxide, and if combustion is incomplete, carbon monoxide. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product will not undergo polymerisation reactions.

## Section 11 - Toxicological Information

May be toxic if swallowed. LD<sub>50</sub> oral mouse calculated using the additively formula 2200 mg/Kg

Corrosive to skin and esyes

### Carcinogen Status:

**ASCC:** No significant ingredient is classified as carcinogenic by ASCC.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

HSNO Classifications derived in accordance with the mixture rules specified in ERMA's "User Guide to the Thresholds and Classifications under the Hazardous Substances and New Organisms Act 1996", March 2008.

## Section 12 - Ecological Information

Harmful to terrestrial vertebrates

HSNO Classifications derived in accordance with the mixture rules specified in ERMA's "User Guide to the Thresholds and Classifications under the Hazardous Substances and New Organisms Act 1996", March 2008.

## Section 13 - Disposal Considerations

**Disposal:** This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill.

## Section 14 - Transport Information

UN No. 3253

Proper Shipping Name: DISODIUM TRIOXOSILICATE

Class: 8

Packing Group: III



## Section 15 - Regulatory Information

HSNO Approval Number HSR002526 Cleaning Products (Corrosive) Group Standard 2006

## Section 16 - Other Information

**This MSDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>AICS</b>	Australian Inventory of Chemical Substances
<b>ASCC</b>	Office of the Australian Safety and Compensation Council
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program (USA)
<b>UN Number</b>	United Nations Number

Please read all labels carefully before using product.

**Creation Date:** November, 2012