

# MATERIAL SAFETY DATA SHEET

Date of Issue: 8 September 2008

Product Name: Powerlift

## STATEMENT OF HAZARDOUS NATURE:

NOT HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### Section 1 - Identification of the Material and Supplier

**COMPANY DETAILS:** The Flood Company Australia P/L  
 ACN 92 003 024 600  
 4 Nelson Avenue Padstow NSW 2211  
 Ph: 02 9790 5158, 1800 226-113  
 Fax: 02 9709-2604  
 A/H 02 9826-6929

#### PRODUCT:

**Product Name:** Powerlift  
**Other Names:** Not Applicable  
**Manufacturer's Product Code:** Not applicable

**Use:** Water based Cleaning Liquid

### Section 2 - Hazards Identification

This product is not a dangerous good or a hazardous substance

**Dangerous Goods Class and Subsidiary Risk:** Not a dangerous good according to the Australian Dangerous Goods Code

**UN Number:** Not Applicable

**Hazchem Code:** Not Applicable

**Poisons Schedule Number:** Not applicable

### Section 3 - Composition/Information on Ingredients

INGREDIENT Chemical Name Common Name	%	OCCUPATIONAL EXPOSURE LIMIT		VAPOR PRESSURE	LD50 ORAL - RAT	LC50 IHL - RAT
		TLV	PEL			
Sodium Carbonate Soda Ash CAS # 497-19-8	<3	Not Available		Not Available	4090 mg/kg	2300 mg/kg
Ethyl Alcohol Ethanol CAS # 64-17-5	<1	1000 ppm	1000 ppm	40mm @ 19oF	7060 mg/kg	Not Available
Sodium Metasilicate Pentahydrate Sodium Silicate CAS # 6834-92-0	<5	- OSHA Permissible Exposure Limit (PEL): (80 mg/m3) / (%SiO2) (TWA).		Not Available	1153 mg/kg	Not Available

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## Section 4 First Aid Measures

**Swallowed:** Rinse mouth, then drink 1 or 2 large glasses of water, DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously keep airway clear and give more water. Get medical attention immediately.

**Eye:** Flush immediately with plenty of cool running water. Remove contact lenses continue flushing for 15 minutes. Get medical attention.

**Skin:** Flush skin with cool running water. If irritation persists, get medical attention. Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

**Inhaled:** Remove to fresh air if needed. Get medical attention if symptoms persist.

IF IRRITATION PERSISTS CALL A DOCTOR

**Advice to Doctor:** Treat symptomatically

## Section 5 Fire Fighting Measures

**FLASH POINT:** N/A

**LEL:** N/A

**EXTINGUISHING MEDIA:** WATER FOG

**UPPER FLAMMABLE LIMIT:** Not flammable water based

**LOWER FLAMMABLE LIMIT:** Not flammable water based

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None are to be expected. This product is not flammable when in liquid state.

**SPECIAL FIREFIGHTING PROCEDURES:** Non-flammable in liquid state. It is recommended to wear SCBA when fighting any type of fire.

## Section 6 Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Neutralize with a weak acid allow material to evaporate, scoop up dried salts into container.

## Section 7 Handling and Storage

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in a cool dry place. Do not freeze.

## Section 8 Exposure Controls/Personal Protection

**RESPIRATORY PROTECTION:** For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

**VENTILATION:** Use adequate ventilation.

**PROTECTIVE GLOVES:** Rubber gloves.

**EYE PROTECTION:** Safety goggles, splash protection. Splashes in eyes should be thoroughly rinsed with water, get medical attention.

**OTHER PROTECTIVE EQUIPMENT:** Avoid skin contact. Rinse off splashes thoroughly with water.

**HYGIENIC PRACTICES:** Wash hands with soap and water thoroughly after use.

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## Section 9 Physical and Chemical Properties

<b>BOILING RANGE</b>	100 DEGREES C
<b>VAPOR DENSITY</b>	N/A
<b>EVAPORATION RATE</b>	SLOWER THAN ETHER
<b>VOLATILE VOLUME</b>	90%
<b>WEIGHT/LITRE</b>	1.02 Kg/L
<b>PHYSICAL STATE</b>	LIQUID
<b>APPEARANCE &amp; ODOR</b>	BRIGHT GREEN, PINE SCENT ODOR
<b>ODOR THRESHOLD</b>	NOT AVAILABLE
<b>FREEZING POINT</b>	Zero DEGREES C
<b>pH</b>	13

## Section 10 Stability and Reactivity

**STABILITY:** STABLE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:** May form toxic materials such as carbon monoxide, carbon dioxide, alkaline fumes, etc.

**CONDITIONS TO AVOID:** Strong acids.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids.

## Section 11 Toxicological Information

### EFFECTS OF OVEREXPOSURE:

**SKIN:** May cause irritation, and severe dermatitis in some cases.

**EYES:** Can cause severe irritation.

**INHALATION:** May be irritating to the nose, mouth, throat and lungs.

**SWALLOWING:** Can result in severe damage to tissue and mucous membranes.

None of the ingredients of this mixture are listed as a carcinogen or potential carcinogen by the National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Preexisting eye, skin and respiratory disorders.

**PRIMARY ROUTE (S) OF ENTRY:** (X) DERMAL (X) INHALATION (X) INGESTION (X) EYE

## Section 12 Ecological Information

### Sodium Carbonate

#### Environmental Fate:

No information found.

#### Environmental Toxicity:

96 Hr LC50 *Lepomis macrochirus*: 300 mg/L [static];

48 Hr EC50 *Daphnia magna*: 265 mg/L

### Sodium silicate:

Diluted material yields dissolved silica that is indistinguishable from natural dissolved silica. It does not contribute to BOD. This material does not bioaccumulate except in species that use silica as a structural material

96 Hr LC50 *Lepomis macrochirus*: 301-478 mg/L;

96 Hr LC50 *Brachydanio rerio*: 3185 mg/L [semi-static];

96 Hr EC50 *Daphnia magna*: 216 mg/L.

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## Section 13 Disposal Considerations

WASTE DISPOSAL METHOD: Dispose of in compliance with all federal, state, and local regulations.

## Section 14 Transport Information

This product is not a dangerous good for transport

**UN Number:** Not applicable**UN Proper Shipping Name.** Not applicable**Class and subsidiary risk(s):** Not applicable**Hazchem Code:** Not applicable

## Section 15 Regulatory Information

US Regulation: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS#	Chemical Name	% by Weight
NONE	NONE	NONE

## Section 16 Other Information

Keep out of reach of children.

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