

Infosafe No™ VARVP Issue Date : February 2019 ISSUED by ACTIVEWA

 Product Name **POWER FLEX**

1. Identification

GHS Product Identifier POWER FLEX
Company Name ACTIVE WASH SOLUTIONS
Address Unit 2/4 Carboni Court, Dubbo NSW 2830
 Australia
Telephone/Fax Number Tel: 0414 344 814
Emergency phone number 0414 344 814
E-mail Address 0414 344 814
Recommended use of the chemical and restrictions on use Automatic Carwash Detergent.

2. Hazard Identification

GHS classification of the substance/mixture Eye Damage/Irritation: Category 2A
 Skin Corrosion/Irritation: Category 2
Signal Word (s) WARNING
Hazard Statement (s) H315 Causes skin irritation.
 H319 Causes serious eye irritation.
Precautionary statement – General P102 Keep out of reach of children.
 P103 Read label before use.
Pictogram (s) Exclamation mark



Precautionary statement – Prevention P264 Wash contaminated skin thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement – Response P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P362 Take off contaminated clothing and wash before reuse.
Precautionary statement – Storage P404 Store in a closed container.
Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous		60-90 %
	Sodium hydroxide	1310-73-2	1-<2 %
	Water	7732-18-5	to 100%

4. First-aid measures

Inhalation Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
Ingestion If swallowed, do NOT induce vomiting. Give a glass of water to be taken



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Skin slowly.
If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

Eye contact If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Vomiting has not been induced because of risk of aspiration into the lungs. Treat symptomatically. Contact Poisons Information Centre.

5. Fire-fighting measures

Suitable extinguishing media Use extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products Water vapour, carbon dioxide and oxides of nitrogen and phosphorous. Incomplete combustion may generate carbon monoxide.

Specific Methods In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.

Specific hazards arising from the chemical Not a fire hazard. Not an explosion hazard.

6. Accidental release measures

Spills & Disposal Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.

7. Handling and storage

Conditions for safe storage, including any incompatibilities Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Sodium hydroxide			2		Peak limitation
Appropriate engineering controls	None for normal domestic use. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne concentration below TLV.					
Personal Protective Equipment	Prevent contact with the eyes. Avoid contact with the skin. Avoid breathing vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Goggles or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.					

9. Physical and chemical properties

Form Liquid

Appearance Colourless liquid



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Odour	No odour
Boiling Point	About 100°C
Solubility in Water	Soluble in water in all proportions.
Specific Gravity	1.5
pH	12.0 - 12.9
Vapour Pressure	Not available.
Flash Point	None
Flammability	Not flammable.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Heat, flames and other ignition sources.
Incompatible Materials	Strong alkalis, acids, oxidizing agents, ammonium salts, soft metals.
Hazardous Decomposition Products	Contact with aluminium, tin, zinc or galvanised iron can generate hydrogen, a flammable gas. Contact with ammonium compounds can generate ammonia, a poisonous gas. Will react vigorously or violently with acids.

11. Toxicological Information

Acute Toxicity - Oral	LD50 Sodium hydroxide 500 mg/kg oral, rabbit
Ingestion	Harmful if swallowed. May burn throat and gastrointestinal tract. May cause gastric upset.
Inhalation	Unlikely route owing to the low volatility of ingredients. If aspirated into the lungs during swallowing or vomiting, may lead to chemical pneumonitis.
Skin	Will have a strong degreasing effect on the skin. May cause burns. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Eye	Severe irritant. May cause tissue injury.
Chronic Effects	Long term, low level exposure can lead to irritation of skin, lungs, nose, throat and mouth.

12. Ecological information

Ecotoxicity	In case of product reaches waters untreated, harmful effects on fish and aquatic organism are possible
Persistence and degradability	Major components are readily biodegradable.
Mobility	Readily transported in water
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.
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14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
UN Number (Air Transport, ICAO)	Not classed as Dangerous Good.
IMDG UN No	Not classed as Dangerous Good.
Other Information	HS Code: 3402

15. Regulatory information



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Poisons Schedule S5

16. Other Information

**Date of preparation
or last revision of
SDS** 12/04/2018

**Literature
References** Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice
Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals

**Signature of
Preparer/Data
Service** Technical Manager 03 9580 2499

**Technical Contact
Numbers** Emergency Advice All Hours:
Managing director: 0414 344 814 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 1126 24hrs

Other Information This SDS summarises at the date of issue our best knowledge of the
health and safety hazard information of the product, and in particular how
to safely handle and use the product in the Workplace. Please refer to the
technical datasheet (Instructions for use), and the label on the drum. The
company cannot anticipate or control the individual working conditions
encountered and so each user should read this SDS carefully, and if in
doubt ring the Contact Point Number given below.
...End Of MSDS...

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