



Infosafe No™ VAR0B	Issue Date : February 2019	ISSUED by ACTIVEWA
Product Name <b>TOUCHFREE PREMIX HIGH pH</b>		

## 1. Identification

<b>GHS Product Identifier</b>	TOUCHFREE PREMIX HIGH pH
<b>Company Name</b>	ACTIVE WASH SOLUTIONS
<b>Address</b>	Unit 2/4 Carboni Court, Dubbo NSW 2830 Australia
<b>Telephone/Fax Number</b>	Tel: 0414 344 814
<b>Emergency phone number</b>	0414 344 814
<b>E-mail Address</b>	0414 344 814
<b>Recommended use of the chemical and restrictions on use</b>	Alkaline detergent for touchless vehicle wash systems.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	Acute Toxicity - Oral: Category 4 Skin Corrosion/Irritation: Category 1B
<b>Signal Word (s)</b>	DANGER
<b>Hazard Statement (s)</b>	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage.
<b>Precautionary statement – General</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use.
<b>Pictogram (s)</b>	Corrosion, Exclamation mark
	 
<b>Precautionary statement – Prevention</b>	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary statement – Response</b>	P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P330 Rinse mouth. P363 Wash contaminated clothing before reuse. P405 Store locked up.
<b>Precautionary statement – Storage</b>	
<b>Precautionary statement – Disposal</b>	P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Potassium hydroxide	1310-58-3	1-<5 %



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<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Other ingredients classified not hazardous at the concentrations used according to the criteria of ASCC.		Up to 100%

## 4. First-aid measures

<b>First Aid Measures</b>	If poisoning occurs contact a doctor or Poisons Information Centre Phone 131126
<b>Inhalation</b>	Remove from contaminated area immediately to fresh air; avoid becoming a casualty. If breathing is difficult, give oxygen. If not breathing apply artificial resuscitation. Seek medical advice.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth out with water then give large quantities of water to drink. Do not give anything if victim is unconscious. Seek urgent medical advice.
<b>Skin</b>	Remove all contaminated clothing. Wash affected areas thoroughly with soap and water. For gross contamination, immediately drench with water and remove clothing. Wash contaminated clothing before reuse. Seek urgent medical advice.
<b>Eye contact</b>	Immediately hold eyelids open and irrigate continuously with water for 15 minutes. Lift upper and lower lids occasionally. Seek urgent medical advice.
<b>First Aid Facilities</b>	Eye wash. Hand wash basin. First Aid kit.
<b>Advice to Doctor</b>	Treat symptomatically for caustic solutions. Show this M.S.D.S. to the medical practitioner.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use water fog, dry chemical, and alcohol foam or carbon dioxide extinguishers. Water spray may be used to cool containers.
<b>Hazards from Combustion Products</b>	Non Combustible. Fumes may be toxic and irritating. Reaction with some metals will produce flammable hydrogen gas.
<b>Specific Methods</b>	Fire fighters to wear full body protective clothing with breathing apparatus. Deluge with water to cool containers. Evacuate area move upwind of fire.
<b>Hazchem Code</b>	2R

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Spills are slippery. Clear area of unprotected personnel. Contain all spills using inert absorbent (soil, sand, vermiculite). Collect and seal in properly labeled containers for disposal. Large spills should be contained with absorbent and removed to drums for disposal. Remove in accordance with local waste management authority.
<b>Personal Protection</b>	Wear protective clothing to prevent eye and skin contamination. Ensure an eye bath and safety shower is available. Operators are recommended to wear full protective clothing, glasses, gloves, apron etc. including footwear.
<b>Environmental Precautions</b>	Prevent spills from entering drains and waterways. Contact local emergency services if contamination of sewers or waterways occurs.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Handle according to good manufacturing and industrial hygiene practices. Do not drink, eat or smoke while handling. Respect good personal hygiene.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a dry, well ventilated place, out of reach of children. Store in original container. Keep container closed. Keep away from acids. Keep away from oxidising agents. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.
<b>Unsuitable Materials</b>	Store away from acids and ammonium salts. Hydrogen gas is generated when undiluted material contacts aluminium, zinc or tin. Do not store in aluminium or galvanized containers. Do not use die-cast zinc or aluminium bungs.

## 8. Exposure controls/personal protection



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<b>Occupational exposure limit values</b>	Safe Work Australia does not list an exposure limit for this product however TWA (peak limitation) of Potassium Hydroxide is 2mg/m <sup>3</sup> .
<b>Appropriate engineering controls</b>	Use in a well ventilated area. If ventilation is insufficient use a corrosive - resistant ventilation system separate from other exhaust systems. Engineering control methods to reduce hazards are preferred.
<b>Personal Protective Equipment</b>	Avoid breathing mists. Where sufficient ventilation is not available then wear an AS 1715 and 1716 approved respirator. Ensure an eye bath and safety shower is available. Operators are recommended to wear full protective clothing, glasses/face shield, gloves etc. including footwear. 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

<b>Form</b>	Liquid
<b>Appearance</b>	Mobile tan liquid.
<b>Odour</b>	Nil
<b>Melting Point</b>	Approx. 0°C
<b>Boiling Point</b>	Approx. 100°C
<b>Solubility in Water</b>	Completely soluble in water.
<b>Specific Gravity</b>	1.06
<b>pH</b>	> 13
<b>Flash Point</b>	None
<b>Flammability</b>	Non flammable

## 10. Stability and reactivity

<b>Reactivity</b>	Caution-Heat will be evolved upon contact with acids
<b>Conditions to Avoid</b>	Use only as directed on the label. Store in accordance with directions given in Section 7 (Handling and storage) of this MSDS. Keep containers closed as this material absorbs carbon dioxide from the air.
<b>Incompatible Materials</b>	This material is not to be stored in aluminium, zinc or tin containers.
<b>Possibility of hazardous reactions</b>	This material vigorously reacts with acids to generate heat. Reacts violently with ammonium salts generating ammonia gas. Hydrogen gas is generated when undiluted material contacts aluminium, zinc or tin.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	For Potassium Hydroxide: Oral LD50 (rabbit): 273 mg/kg
<b>Ingestion</b>	Corrosive. Ingestion may cause nausea, vomiting, headache, pain, diarrhoea and burns.
<b>Inhalation</b>	Inhalation of mists may cause severe irritation to the respiratory system including burns to the upper respiratory tract. Inhalation of large doses may cause pulmonary edema, pneumonitis and emphysema.
<b>Skin</b>	Corrosive. Exposure may cause irritation and burns. Skin contact often does not cause pain, contamination of gloves and boots should be avoided.
<b>Eye</b>	Corrosive. Can cause permanent injury with redness, pain and burns.
<b>Chronic Effects</b>	Chronic effects are unlikely due to the severity of acute effects.

## 12. Ecological information

<b>Ecological Information</b>	Avoid contaminating waterways. Prevent spills from entering drains and waterways.
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## 13. Disposal considerations



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**Disposal Considerations** Remove for disposal in accordance with local waste management regulations. Can be diluted with large amounts of water and flushed to drain with copious amounts of water.

## 14. Transport information

**Transport Information** Classified as a Class 8 Dangerous Good. Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7.

**U.N. Number** 1719

**UN proper shipping name** CAUSTIC ALKALI LIQUID, N.O.S.

**Transport hazard class(es)** 8

**Hazchem Code** 2R

**Packing Group** II

**EPG Number** 8A1

**IERG Number** 37

**Other Information** Store away from acids and ammonium compounds.

## 15. Regulatory information

**Regulatory Information** Classified as hazardous according to criteria of Safe Work Australia

**Poisons Schedule** S6

## 16. Other Information

**Date of preparation or last revision of SDS** 11/02/2019

**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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