



SAFETY DATA SHEET

TOUCHLESS ALKALI DETERGENT

Infosafe No.: 7EFE9
ISSUED Date : 05/01/2017
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

TOUCHLESS ALKALI DETERGENT

Product Code

2122270

Company Name

JASOL AUSTRALIA

Address

Level 3, 187 Todd Road PORT MELBOURNE
VIC 3207

Telephone/Fax Number

Tel: 1800 334 679

Fax: 03 9580 9902

Emergency phone number

1800 629 953

Recommended use of the chemical and restrictions on use

Alkali detergent for brushless carwash systems. Refer to label for instructions.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Corrosive to Metals: Category 1

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 1A

Signal Word (s)

DANGER

Hazard Statement (s)

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Pictogram (s)

Corrosion



Precautionary statement – Prevention

- P234 Keep only in original container.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

- 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.
P321 Specific treatment (see information on this label).
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.

Precautionary statement – Storage

- P405 Store locked up.
P406 Store in corrosive resistant/ container with a resistant inner liner.

Precautionary statement – Disposal

- P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Water	7732-18-5	30-60 %
Sodium hydroxide	1310-73-2	30-50 %
Ingredients determined not to be hazardous		0-10 %
Surfactants		0-10 %
DECYL GLUCOSIDE	54549-25-6	<5 %

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention. In severe cases obtain immediate medical attention.

Ingestion

Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek immediate medical attention.

Skin

Remove all contaminated clothing immediately. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities

Eye wash station and normal washroom facilities.

Advice to Doctor

Product is sodium hydroxide solution. If swallowed, may cause holes in stomach and intestines. Evacuation of stomach should not be attempted. Contact Poisons Information Centre.

Most important symptoms/effects, acute and delayed

No adverse health effects expected if the product is handled in accordance with this SDS and the product label.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products

Water vapour, carbon dioxide, oxides of nitrogen and phosphorous.

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.

Hazchem Code

2R

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

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 a cool place, out of reach of children. Large quantities should be stored in a bonded dangerous goods store. Store in original container. Keep container tightly closed. Keep away from acids. Keep away from ammonium salts. Keep away from aluminium, tin, zinc and galvanised iron. Prevent long contact with glass surfaces. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Sodium hydroxide		TWA	2	mg/m ³	Peak limitation

Appropriate Engineering Controls

Do not use on aluminium, tin, zinc or galvanised iron. Consider local mechanical exhaust/extraction to keep airborne contamination below TLV.

Personal Protective Equipment

Wear rubber or plastic gloves, waterproof footwear and eye protection. If risk of splashes into eyes, wear safety glasses with side shields. Avoid breathing fumes or spray/mist. 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

Tan coloured, mobile, odourless liquid.

Boiling Point

No data

Solubility in Water

Miscible with water in all proportions.

Specific Gravity

1.4

pH

>13.0

Flash Point

N/a

Flammability

Not flammable.

10. STABILITY AND REACTIVITY

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

Toxicology Information

LD50 Mixed surfactants: 1800-3400mg/kg oral, rat.

LDLo Sodium hydroxide: 500 mg/kg oral, rabbit

Ingestion

Can be fatal. Corrosive. Causes burns to mouth and throat, nausea, vomiting, abdominal pains and diarrhoea (occasionally bloody). Can also cause swelling of the larynx and suffocation, perforation of stomach and intestines with constrictive scarring, heart failure and coma.

Inhalation

Inhalation of mists of the solution will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

Skin

Corrosive to skin - may cause skin burns. Skin contact often does not cause pain, thus care should be taken to avoid contamination of gloves and footwear. Repeated or prolonged contact may lead to irritant contact dermatitis.

Eye

Corrosive, causes severe irritation and corneal burns. May cause blindness.

Chronic Effects

Long term, low level exposure can lead to irritation of skin, lungs, nose, throat and mouth.

12. ECOLOGICAL INFORMATION

Ecological information

There are no known ecological effects of this product. If any large chemical spills occur, it is a good practice to prevent chemicals from entering waterways.

Persistence and degradability

Major components are readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

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

14. TRANSPORT INFORMATION

Transport Information

This material is a Class 8 Corrosive Substance according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 8 - Corrosive Substances are incompatible in a placard load with any of the following:

- Class 1, Explosives,
- Class 4.3, Dangerous When Wet Substances,
- Class 5.1, Oxidising Agents & Class 5.2 - Organic Peroxides,
- Class 6, Toxic Substances (where the Toxic substances are cyanides and the corrosives are acids),
- Class 7, Radioactive Substances,
- Class 8, Corrosive Substances (concentrated strong acid is to be segregated from strong alkali), and are incompatible with food and food packaging in any quantity.

U.N. Number

1824

UN proper shipping name

SODIUM HYDROXIDE SOLUTION

Transport hazard class(es)

8

Packing Group

II

Hazchem Code

2R

IERG Number

37

IMDG EMS

F-A,S-B

15. REGULATORY INFORMATION

Regulatory information

Classified as hazardous according to criteria of GHS.

Classified as a scheduled poison according to criteria of SUSMP.

Poisons Schedule

S6

EINECS No

All components listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS created: December 2016

Contact Person/Point

The Company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE

Signature of Preparer/Data Service

Technical manager

Tel. (08) 9337 4844

END OF SDS

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