

# SAFETY DATA SHEET

## Alkali HW

**Preparation Date:** 25-Aug-2015  
**Revision Number:** 3.1  
**Date of last revision:** 17-Sep-2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
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<b>Product Name</b>	Alkali HW
<b>Item#:</b>	AUS54476
<b>Recommended use</b>	Alkaline detergent
<b>Uses advised against</b>	Restricted to professional users

<b>Supplier</b>	DeLaval Pty Ltd 1 Global Drive Westmeadows, VIC 3049 Australia Telephone 61-3-8336-7977
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<b>Emergency Telephone Number</b>	131 126 (Poison Control Centre)
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## 2. HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Skin corrosion/irritation - Category 1B

Serious eye damage/eye irritation - Category 1

Specific target organ toxicity (single exposure) - Category 3

### 2.2. Label Elements

#### Hazard Pictogram(s)



#### Name of hazard pictogram(s)

Corrosion, Exclamation mark

#### Signal word

DANGER

#### Hazard Statements

H314 - Causes severe skin burns and eye damage  
H335 - May cause respiratory irritation

#### Precautionary statements

P102 - Keep out of reach of children  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P264 - Wash hands thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P271 - Use only outdoors or in a well-ventilated area  
P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P363 - Wash contaminated clothing before reuse  
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P310 - Immediately call a POISON CENTER/doctor.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 - Call a POISON CENTER/doctor if you feel unwell  
P405 - Store locked up  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P501 - Dispose of contents/container in accordance with local regulations

#### Note

Signal words and pictograms are not required on labels for AgVet chemicals.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Sodium carbonate	497-19-8	30 - 60%
Disodium metasilicate	6834-92-0	10 - 30%
Pentasodium triphosphate	7758-29-4	10 - 30%
Non-ionic ethoxylte	37311-00-5	1 - 10%

## 4. FIRST AID MEASURES

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.
<b>Skin contact</b>	Rinse with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Inhalation</b>	Move to fresh air. Get medical attention if symptoms occur.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
<b>Effects of overexposure</b>	No information available
<b>Indication of any immediate medical attention and special treatment needed</b>	No information available

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Specific hazards arising from the chemical</b>	The product causes burns of eyes, skin and mucous membranes.
<b>Protective Equipment and Precautions for Firefighters</b>	Standard procedure for chemical fires.
<b>Hazchem Code</b>	No Hazchem Code allocated

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing. For personal protection see section 8.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
<b>Methods for cleaning up</b>	Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Safe Handling Advice</b>	Wear personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place.
<b>Incompatible products</b>	No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure controls

<b>Exposure limits</b>	No exposure standard allocated
<b>Biological standards</b>	No biological limit allocated
<b>Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas
<b><u>Personal Protective Equipment</u></b>	
<b>Eye/face Protection</b>	Tightly fitting safety goggles
<b>Skin Protection</b>	Long sleeved clothing
<b>Hand Protection</b>	Neoprene gloves
<b>Respiratory Protection</b>	In case of dust formation use a dust mask.
<b>General Hygiene Considerations</b>	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White
<b>Physical state</b>	Powder
<b>Odor</b>	None
<b>Odor Threshold</b>	No information available
<b>pH</b>	No data available
<b>pH (1%)</b>	> 12
<b>Specific Gravity</b>	1.01
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Flash Point</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Boiling Point/Range</b>	Not applicable
<b>Melting Point/Range</b>	No data available
<b>Freezing Point/Range</b>	Not applicable
<b>Decomposition temperature</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Explosion Limits</b>	No information available
<b>Evaporation Rate</b>	No data available
<b>Relative Density</b>	No data available
<b>Solubility</b>	No information available
<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>Viscosity</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable under recommended storage conditions.

<b>Possibility of hazardous reactions</b>	None under normal use
<b>Conditions to Avoid</b>	Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	Acids, oxidizing agents
<b>Hazardous decomposition products</b>	No information available

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Inhalation</b>	No information available.
<b>Skin contact</b>	No information available.
<b>Ingestion</b>	No information available.

### **Component Analysis - LD50/LC50**

<b>Chemical name</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Sodium carbonate 497-19-8	= 4090 mg/kg ( Rat )		
Disodium metasilicate 6834-92-0	= 1153 mg/kg ( Rat )		
Pentasodium triphosphate 7758-29-4	= 3120 mg/kg ( Rat )	> 7940 mg/kg ( Rabbit )	
Non-ionic ethoxylte 37311-00-5	= 2500 mg/kg ( Rat )		

### Potential Health Effects

<b>Skin Corrosion/Irritation</b>	Causes severe burns.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive Effects</b>	No information available.
<b>STOT - single exposure</b>	May cause respiratory irritation.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.
<b>Information on likely routes of exposure</b>	No known significant effects or critical hazards
<b>Early onset symptoms related to</b>	None known

**exposure (Immediate effects)**

**Delayed health effects from exposure** none known

12. ECOLOGICAL INFORMATION
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**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium carbonate	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static		265: 48 h Daphnia magna mg/L EC50
Disodium metasilicate	EC50= 207 mg/l	LC50= 210mg/l		216: 96 h Daphnia magna mg/L EC50
Pentasodium triphosphate		1650: 48 h Leuciscus idus mg/L LC50		

**Persistence and degradability** No information available

**Bioaccumulation/Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

**Other adverse effects** No information available

**Biodegradation** No information available.

13. DISPOSAL CONSIDERATIONS
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**Waste Disposal Method** Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

**Contaminated Packaging** Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal.

**Personal precautions** Use personal protective equipment. Avoid contact with skin, eyes and clothing. For personal protection see section 8.

14. TRANSPORT INFORMATION
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**Road and Rail transport**

<b>UN-No</b>	Not regulated
<b>Proper Shipping Name</b>	Not regulated
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated
<b>Environmental hazard</b>	Not regulated
<b>Special Precautions</b>	Not regulated
<b>Hazchem Code</b>	No Hazchem Code allocated

**IMDG/IMO**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated
<b>IMDG Marine Pollutant</b>	Not regulated

**IATA/ICAO**

<b>UN-No</b>	Not regulated
<b>Proper Shipping Name</b>	Not regulated
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated

**15. REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture** No information available

**Poison Schedule Number** Schedule 5

**APVMA Approval Number** 54476

**16. OTHER INFORMATION**

**Prepared By** DeLaval NV  
Industriepark-Drongen 10  
9031 Gent  
Belgium

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**Reason for revision** 5-Yearly revision (no changes).

**Disclaimer**

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**End of SDS**