

# SAFETY DATA SHEET

**X FACTOR**

Infosafe No.: 5GFEU  
ISSUED Date : 02/09/2021  
ISSUED by: Australian Chemical Services

## 1. Identification

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**GHS Product Identifier**

X FACTOR

**Product Code**

XFACTOR

**Company name**

JAW Ltd

**Address**

25B Paramount Drive  
Henderson Auckland  
0622 New Zealand

**Telephone/Fax Number**

Tel: 09 2159743

Fax: 09 4887000

**Emergency phone number**

09 2159743 (office hours)

**Emergency Contact Name**

Manager

**Recommended use of the chemical and restrictions on use**

Alkaline Detergent

## 2. Hazard Identification

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**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 1B

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

May be corrosive to metals.

Causes severe skin burns and eye damage.

Causes serious eye damage.

**Precautionary statement – General**

Keep out of reach of children.

**Pictogram (s)**

Corrosion

**Precautionary statement – Prevention**

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

**Precautionary statement – Response**

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.  
Absorb spillage to prevent material damage.

**Precautionary statement – Storage**

Store locked up.  
Store in corrosive resistant/approved container with a resistant inner liner.

**Precautionary statement – Disposal**

Dispose of contents/container to an approved waste disposal facility.

### 3. Composition/information on ingredients

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**Ingredients**

Name	CAS	Proportion
Sodium hydroxide	1310-73-2	30-<60 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safework Australia		-

### 4. First-aid measures

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**First Aid Measures**

If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.

**Inhalation**

Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.

**Ingestion**

Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.

**Skin**

Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation develops.

**Eye contact**

Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.

**First Aid Facilities**

Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin.

### **Advice to Doctor**

Treat symptomatically. Show this S.D.S. to the medical practitioner.

## **5. Fire-fighting measures**

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### **Suitable Extinguishing Media**

Use equipment/media appropriate to surrounding fire conditions. This product does not support combustion.

### **Hazards from Combustion Products**

This product is non combustible. Releases toxic fumes of oxides of carbon on combustion or oxidation. Fumes of decomposition products may be toxic and irritating.

### **Special Protective Equipment for fire fighters**

Fire fighters to wear full body protective clothing with breathing apparatus. Deluge with water to cool containers. Evacuate area move upwind of fire.

### **Specific Methods**

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

### **Hazchem Code**

2R

## **6. Accidental release measures**

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### **Spills & Disposal**

Evacuate unprotected personnel from danger area.

Slippery when spilt. Contain spill with sand or earth. Gather up absorbent for disposal according to regulations. Avoid concentrated spillage from entering drains or watercourse. Do not allow to enter storm water drains, or water courses. Remove for disposal in accordance with local waste management. Use suitable containers for disposal.

### **Personal Protection**

Use eye and skin protection if risk of contact with chemical exists.

### **Environmental Precautions**

Review local regulations before release to the environment.

## **7. Handling and storage**

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### **Precautions for Safe Handling**

When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, wash hands and remove contaminated clothing.

### **Additional information on precautions for use**

Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

## **8. Exposure controls/personal protection**

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### **Occupational exposure limit values**

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, for constituent, Sodium Hydroxide: Peak Limitation = 2 mg/m<sup>3</sup> As published by the National Occupational Health and Safety Commission.

Peak Limitation - a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### **Appropriate engineering controls**

Slippery when spilt. Keep containers closed when not in use.

### Personal Protective Equipment

Use sensible work practices that reduce operator exposure to the product. Chemical resistant gloves and shoes, apron and safety glasses/goggles are recommended.

## 9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Colour	Pale tan liquid
Boiling Point	ca. 100°C	Solubility in Water	Soluble
Specific Gravity	1.20 - 1.22g/L	pH	14
Flammability	Non flammable		

## 10. Stability and reactivity

### Incompatible materials

Oxidising agents, strong acids

### Hazardous Decomposition Products

Toxic fumes of nitrogen oxides, carbon dioxide on combustion or oxidation.

### Possibility of hazardous reactions

This material is stable under normal conditions of storage and use.

### Other Information

Store in a cool, dry place. Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this SDS.

## 11. Toxicological Information

### Ingestion

Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and severe chemical burns to the mouth and gastrointestinal tract.

### Inhalation

Inhalation may result in respiratory irritation and possible burns.

### Skin

Contact with skin will result in irritation and may cause severe burns with possible permanent damage.

### Eye

Corrosive to eyes; contact may cause corneal burns. Contamination of eyes can result in permanent injury.

### Chronic Effects

No long-term exposure effects are known.

## 12. Ecological information

### Ecotoxicity

No data is available on the product itself.

Concentrated solutions may cause harm to the environment due to high pH. Avoid contamination of waterways.

## 13. Disposal considerations

### Disposal considerations

Remove for disposal in accordance with local waste management regulations.

## 14. Transport information

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### Transport Information

Class 8 Corrosives shall not be loaded in the same vehicle with: - Class 1 Explosives - Class 4. 3 Dangerous when wet substances - Class 5. 1 Oxidizing agents - Class 5. 2 Organic peroxides

### 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

## 15. Regulatory information

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### Poisons Schedule

S6

### Australia (AICS)

All ingredients listed

## 16. Other Information

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### References

Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice (Safe Work Australia).

GHS Hazardous Chemical Information List (Safe Work Australia).

Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. (Safe Work Australia).

Global Harmonized System of Classification and Labelling of Chemicals (GHS).

Raw material supplier SDS.

### Other Information

Reason for revision: New Product

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. The company accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.

## END OF SDS

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