



SAFETY DATA SHEET

FIREDOG

Infosafe No.: 1JA0R
ISSUED Date: 31/10/2013
ISSUED BY JASOL AUSTRALIA

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

FIREDOG

Product Code

198

Company Name

JASOL AUSTRALIA

Address

41-45 TARNARD DRIVE BRAESIDE
VIC 3195

Emergency Tel.

1800 629953

Telephone/Fax Number

Tel: 1800 334 679
Fax: 03 95809902

Recommended Use

Oven and Hot Plate Cleaner. Squirt neat product to warm (NOT HOT) surface, making sure to spread evenly over surface. Do NOT atomise the product. Leave surface, wetted with product, for a few minutes and then wipe surface with an absorbent cloth.

2. HAZARD IDENTIFICATION

Hazard Classification

HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Risk Phrase(s)

R35 Causes severe burns.

Safety Phrase(s)

S2 Keep out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45 In case of accident or if you feel unwell seek medical advice immediately
S37/39 Wear suitable gloves and eye/face protection.

Other Information

LD50 Mixed surfactants: 1800-3400mg/kg oral, rat.
Potassium Hydroxide: 273mg/kg oral, rat

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization

Liquid

Ingredients

Name	CAS	Proportion
Water	7732-18-5	60-100 %
Potassium hydroxide	1310-58-3	30-60 %
Ingredients determined not to be hazardous		0-10 %
Non hazardous surfactants	Mixture	0-10 %

4. FIRST-AID MEASURES

Inhalation

Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.

Ingestion

Immediately rinse mouth with water. Do NOT induce vomiting. Immediately give a glass of water to be taken slowly. Seek immediate medical attention.

Skin

Remove all contaminated clothing and immediately wash affected area with plenty of water. If swelling, redness, blistering or irritation occurs, seek medical advice.

Eye

Hold eyes open and flood with running water for at least 15 minutes, bathe eyes with soothing eyedrops or sterile saline, urgently seek medical attention. Transport to hospital or medical centre.

First Aid Facilities

Eye wash station and normal washroom facilities.

Advice to Doctor

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

Symptoms and Effects

No adverse health effects expected if the product is handled in accordance with this MSDS 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. 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

Not a fire hazard. Not an explosion hazard.

Hazchem Code

2R

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Spillages are slippery. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain using sand or soil - prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal. Wash area down with excess water. Caution - heat may be evolved.

7. HANDLING AND STORAGE

Conditions for Safe Storage

Store in cool place in original container. Do NOT decant product in unmarked bottles or cups or open containers. Store away from oxidisers, 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

National Exposure Standards

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

Engineering Controls

In very confined spaces have sufficient ventilation. Do not spray / atomise the product. Do not enter confined spaces where vapours may have accumulated. Keep containers closed when not in use.

Personal Protective Equipment

Wear rubber or plastic (PVC) gloves, waterproof footwear and eye protection. If risk of splashes into eyes, wear safety glasses with side shields. 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 liquid

Boiling Point

approx. 100C

Solubility in Water

Miscible with water in all proportions.

Specific Gravity

1.25

pH Value

highly alkaline, >13

Flash Point

None

Flammability

Not flammable.

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL INFORMATION

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.

Ingestion

Very 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.

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 to eyes; contact can cause conjunctivitis, corneal burns and ulceration, which can result in permanent injury and possible loss of sight.

Chronic Effects

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

Carcinogenicity

Potassium hydroxide: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

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

14. TRANSPORT INFORMATION

U.N. Number

1719

Proper Shipping Name

CAUSTIC ALKALI LIQUID, N.O.S.

DG Class

8

Packing Group

II

Hazchem Code

2R

Packaging Method

3.8.8RT8

EPG Number

8A1

IERG Number

37

15. REGULATORY INFORMATION

Regulatory information

Classified as hazardous according to criteria of NOHSC

HAZARDOUS SUBSTANCE.

SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

S6

Hazard Category

Corrosive

16. OTHER INFORMATION**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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