

Safety Data Sheet

Date of Issue: 28 August, 2015

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Winterhalter F300
Code	50724
Product Use	Chlorinated machine dishwashing liquid
Company Name	Winterhalter Australia Pty Ltd
Address	Unit 4 74 Helen Street, Sefton NSW 2162, Australia
Telephone	02 9645 3221
Facsimile	02 9645 3288
Emergency Phone	13 1126

2. HAZARDS IDENTIFICATION

GHS Classification	Metal Corrosion 1 Skin Corrosion 1A
Signal Word	DANGER
Hazard Statements	May be corrosive to metals Causes severe skin burns and eye damage Contact with acids liberates toxic gas
Precautionary Statements	Keep out of reach of children Do not breathe mists. Wash skin thoroughly after handling. Wear protective gloves and eye/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. 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 CENTRE or doctor Store locked up. Keep only in original container. Absorb spillage to prevent material damage Dispose of contents/container in accordance with state regulations.

Pictograms



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Potassium hydroxide	1310-58-3	1 - 10%
	Sodium hydroxide	1310-73-2	1 – 5%
	Disodium metasilicate	6834-92-0	1 – 10%
	Potassium silicate	1312-76-1	1 - 10%
	Sodium hypochlorite	7681-52-9	1 – 5%
	Ingredients determined not to be hazardous	Not required	Balance

4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention.
Eye	If in eyes, hold eye lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.
Skin	If skin contact occurs, remove contaminated clothing and flush skin with running water. Do not use contaminated clothing until washed. Seek medical attention.
Inhaled	Not normally a problem due to method of use. However if breathing is affected remove victim from contaminated area.
First Aid Facilities	An eye wash and general washing facility should be available adjacent to the work area.
Advice to Doctor	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 131 126; New Zealand 0800 764 766)

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use appropriate extinguishing media to suit surrounding area
Hazards from Combustion	Material does not burn.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA. Corrosive liquid. Contact with metals may evolve flammable hydrogen gas.
Hazchem	2R

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Clean Up	Spills will be slippery so treat promptly. For minor spills mop up and rinse with water. For larger spills absorb on mineral absorbent material or absorbent pads. Place in plastic bags and dispose of through waste disposal contractor. Rinse area with water.

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7. HANDLING AND STORAGE

Handling	Product is dispensed using electronic feeder.
Storage	Store in a cool, dry, well ventilated place out of direct sunlight. Store away from incompatible materials such as acids, aluminium or zinc. Ensure storage area is secure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	None listed for product. However exposure standards for ingredients are: Potassium hydroxide TWA 2mg/m ³ peak limitation Sodium hydroxide TWA 2mg/m ³ peak limitation Sodium hypochlorite TWA 1 ppm 3mg/m ³ peak limitation
Engineering Controls	F300 is dispensed using an electronic feeder to prevent contact with product. Do not add manually. Never use for manual dishwashing Use in a well ventilated area to maintain levels below exposure standards.
Personal Protective Equipment	Wear gloves and goggles when changing drums or decanting.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear pale yellow liquid with chlorine odour
Solubility in Water	Soluble
pH	14
Flash Point	Not available
Melting Point	Not available
Boiling Point	Not available
Specific Gravity	1.328

10. STABILITY AND REACTIVITY

Stability	Store below 25°C as high temperatures lead to chlorine loss
Hazardous Polymerisation	Will not occur
Conditions to Avoid	High temperatures
Incompatible Materials	Reacts violently with acids. Attacks aluminium, tin and zinc.

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11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing will cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
Eye	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness.
Skin	Contact with skin will result in severe irritation. Corrosive to skin – may cause skin burns.
Inhalation	Mist generated may cause severe irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product will result in skin irritation and dermatitis.
Toxicological Data	Non available for F300. However for caustic potash (potassium hydroxide) Oral LD 50: 365mg/kg (rat) Skin 50mg/24H: Severe (human) (Reference: Dangerous Properties of Industrial Materials 7 th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available. Avoid contaminating waterways.
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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

UN No.	1719
Proper Shipping Name	CAUSTIC ALKALI LIQUID N.O.S.
Hazchem Code	2 R
Class	8 Corrosive
Packing Group	III

15. REGULATORY INFORMATION

Classification	Classified as Schedule 6 poison
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16. OTHER INFORMATION

Contact Point	Winterhalter Australia. Phone 02 9645 3221 24 hour medical emergency 13 1126
Date of preparation	28 th August 2015
