



Date of Issue: 2 August 2016

COMBI CLEAN

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Combi Clean
Code	50418
Product Use	Heavy duty cleaner for cleaning Combi ovens
Company Name	Eisofen
Address	12 Coglin Street, Brompton SA 5007, Australia
Telephone	1300 789 852 or +61 (8) 8245 6900
Facsimile	+ 61 (8) 8340 1626
Emergency Phone	Australia 13 11 26 New Zealand 0800 764 766

2. HAZARDS IDENTIFICATION

GHS Classification	Eye Damage 1 Skin Corrosion 1A Corrosive to metals 1
Signal Word	DANGER
Hazard Statements	Causes severe skin burns and eye damage May be corrosive to metals
Precautionary Statements	Avoid breathing mists. Ensure adequate ventilation when using. Keep out of reach of children. Store locked up. Wash skin thoroughly after handling. Wear protective gloves, protective clothing and eye /face protection. Keep only in original container. 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 problem persists, seek urgent medical attention. 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.

Pictograms Dispose of contents/container in accordance with state regulations



Date of Issue: 2 August 2016

Product Name: COMBI CLEAN**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Potassium hydroxide	1310-58-3	1 - 10%
	Disodium metasilicate	10213-79-3	1 - 10%
	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. Immediately call a POISON CENTRE or doctor. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin	If skin contact occurs, remove contaminated clothing and flush skin with running water. Do not re-use contaminated clothing until washed. Seek urgent medical attention.
Inhaled	Not normally a problem due to method of use and non-volatile nature of product. However, if breathing is affected, remove victim from contaminated area. Immediately call a POISON CENTRE or doctor..
First Aid Facilities	An eye wash fountain, safety shower 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 13 11 26; 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	Corrosive liquid. Wear chemical splash suit and SCBA. Contact with metals may evolve flammable hydrogen gas.
Hazchem	2R

Date of Issue: 2 August 2016

Product Name: COMBI CLEAN**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 material on mineral absorbent material or absorbent pads. Collect and put into plastic bags or containers and dispose of through licenced waste disposal contractor. Rinse area with water.

7. HANDLING AND STORAGE

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well-ventilated area. Keep containers closed when not in use. Maintain high standards of personal hygiene. Wash hands immediately after using product.
Storage	Corrosive product. Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as acids, aluminium or zinc. Stored locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	None listed for product. However, exposure standards for potassium hydroxide are: TWA 2mg/m3 Peak Limitation
Engineering Controls	Produce Cratewash is designed for use in large cratewashing machines and be dispensed by an electronic feeder. Use in a well-ventilated area to maintain levels below exposure standards.
Personal Protective Equipment	Wear impervious gloves and chemical goggles when changing drums.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless liquid with mild odour
Solubility in Water	Soluble
pH (neat)	14
1% solution	12
Flash Point	Not available
Melting Point	Not available
Boiling Point	100 °C approx.
Specific Gravity	1.22

Date of Issue: 2 August 2016

Product Name: COMBI CLEAN**10. STABILITY AND REACTIVITY**

Stability	Stable under normal conditions
Hazardous	Will not occur
Polymerisation	
Conditions to Avoid	Do not spray on hot surfaces as caustic mist will be produced as the product boils off.
Incompatible Materials	Reacts violently with acids. Attacks aluminium, tin and zinc.

11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can 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	Corrosive to skin – may cause skin burns. Contact with skin will result in severe irritation.
Inhalation	Not an inhalation risk due to normal method of use. However, mist inhalation 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 possibly result in dermatitis.
Toxicological Data	None available for Combi Clean. However, for potassium hydroxide: Oral LD50: 365mg/kg (rat) Skin 50g/mg/24hr: Severe (human) (Reference: Dangerous Properties of Industrial Materials 7th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available. Do not allow product to come in contact with storm / surface waters.
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Date of Issue: 2 August 2016

Product Name: COMBI CLEAN**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. (contains Potassium Hydroxide)
Hazchem Code	2R
Class	8 Corrosive
Packing Group	III

15. REGULATORY INFORMATION

Classification	Poisons Schedule: Schedule 6 according to the Poisons Standard March 2016
	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

16. OTHER INFORMATION

Contact Point	Dominant Australia. Phone 08 8245 6900 or 1300 789 852 24 hour medical emergency 13 11 26
Date of preparation	2 nd August 2016