



OVENS PLANET®

Date of Issue: 23rd February 2012

material safety data sheet

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Rotor Klean Detergent
Product Use	Heavy duty cleaner for cleaning Combi ovens
Company Name	UNOX Australia
Address	Unit 7, 100 New Street, Ringwood, Victoria 3134, Australia
Telephone	(03) 9876 0803
Facsimile	(03) 9876 8270
Emergency Phone	Australia 131 126

2. HAZARDS IDENTIFICATION

Classification	HAZARDOUS SUBSTANCE. DANGEROUS GOODS Poisons Schedule S6
Risk Phrase	R35 Causes severe burns
Safety Phrases	S1/2 Keep locked up and out of reach of children. S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S36/37/39 Wear suitable gloves. Protective clothing and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Sodium hydroxide	1310-73-2	10 - 30%
	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 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 medical attention.
Skin	If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
Inhaled	If breathing is affected, remove victim from contaminated area. If problem persists seek urgent medical attention.
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)



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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. Spraying water over product generates heat and produces highly 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	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 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. Maintain a high standard 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. Ensure storage area is secure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	None listed for product. However exposure standards for sodium hydroxide is: Sodium hydroxide TWA 2mg/m ³ Peak limitation
Engineering Controls	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating and breathing in mist.
Personal Protective Equipment	Wear chemical goggles or safety glasses, and impervious gloves. If spraying wear approved respirator suitable for caustic mists.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear brown foaming liquid
Solubility in Water	Soluble in all proportions
pH	14
Flash Point	Not applicable
Melting Point	Not relevant
Boiling Point	~100°C
Specific Gravity	1.40

10. STABILITY AND REACTIVITY

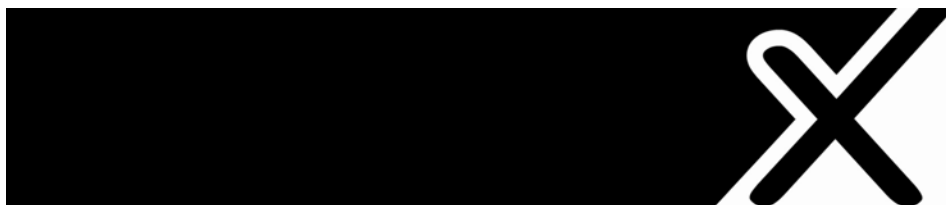
Stability	Stable under normal conditions
Hazardous	Will not occur
Polymerisation	
Conditions to Avoid	Do not spray on hot surfaces as caustic mist will be produced as the product boils off.
Incompatible Materials	Reacts violently with acids. Attacks aluminium, tin and zinc.

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	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 possibly result in dermatitis.
Toxicological Data	Non available for Rotor Klean Detergent. However for caustic soda (sodium hydroxide) Oral LD Lo : 500mg/kg (rabbit) Skin 500mg/24H: Severe (rabbit) (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	II

15. REGULATORY INFORMATION

Classification	This material is classified as hazardous according to criteria of Safe Work Australia and is a Schedule 6 poison C : Corrosive
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16. OTHER INFORMATION

Contact Point	Unox (03) 9876 0803
Date of Preparation	23 rd February 2012