

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME Reza – R.H. 200

PRODUCT NO.

APPLICATION Heavy Duty, Alkaline Liquid Cleaner for Traffic soil removal with pressure washer

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2 HAZARDS IDENTIFICATION

Causes burns.

CLASSIFICATION C;R34.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
TRISODIUM NITRILO TRIACETATE	225-768-6	5064-31-3	4.5-10.5%	Xi;R36/38.
SODIUM HYDROXIDE	215-185-5	1310-73-2	0.5-5.5%	C;R35
ALKYL DIMETHYLAMINE BETAINE		66455-29-6	0.5-5.5%	Xi;R38,R41.
ALCOHOL (C9-C11) ETHOXYLATE (6EO)		68439-45-2	0.5-5.5%	Xn;R22. Xi;R41.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Not relevant. Inhalation unlikely.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS

Wear suitable protective clothing, gloves and eye/face protection. (See sec 8)

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages Pick up with vacuum or absorbent solid, store in closed container for disposal.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Wear suitable protective clothing, gloves and eye/face protection.

STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area. Store away from Oxidising material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
SODIUM HYDROXIDE	WEL				2 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limit for COSHH assessments in the UK, ----- ST = Short-Term Exposure Limit (15 minute) & LT = Long-Term Exposure Limit (8 hours).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Not relevant.

RESPIRATORY EQUIPMENT

Respiratory protection not required.

HAND PROTECTION

Wear protective gloves. (Household rubber gloves.)

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	MELTING POINT (°C)	0
COLOUR	Clear Yellow	pH-VALUE, CONC. SOLUTION	13.40
ODOUR	Slight odour Ammonia		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	100		
RELATIVE DENSITY	1.070 @ 20 °c		
FLASH POINT (°C)	Boils without flashing		

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

MATERIALS TO AVOID

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11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Refer to section 2.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Potentially hazardous due to the alkalinity of the product.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

Sequestrant is readily degraded during biological effluent treatment processes.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide solution)		
UN NO. ROAD	3266	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	III	RID CLASS NO.	Class 8: Corrosive substances.
RID PACK GROUP	III	UN NO. SEA	3266
IMDG CLASS	Class 8: Corrosive substances.	IMDG PACK GR.	III
MARINE POLLUTANT	No.	UN NO. AIR	3266
AIR CLASS	Class 8: Corrosive substances.	AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Corrosive

RISK PHRASES

R34 Causes burns.

SAFETY PHRASES

S2 Keep out of the reach of children
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
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 (show label where possible).

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ENVIRONMENTAL LISTING

Hazardous Waste (England and Wales) Regulations.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. 2008

APPROVED CODE OF PRACTICE

The compilation of safety Data Sheets L130.

GUIDANCE NOTES

Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

16 OTHER INFORMATION

INFORMATION SOURCES

Approved Supply List - HSC (Health & Safety Commission) Material Safety Data Sheet, Misc. manufacturers.

HISTORY

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RISK PHRASES IN FULL

R22	Harmful if swallowed.
R35	Causes severe burns.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.