

SAFETY DATA SHEET**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE SUPPLIER**

Product name: REVOLUTION (Non-acidic wheel cleaner)

Identified uses: Cleaning agent for industrial and professional use only

Supplied by: Espuma Cleaner Solutions Ltd
Unit 2c, North End Business Park
Station Road, Swineshead
Lincolnshire PE20 3PW

Telephone: 01205 822 929

2. HAZARDS IDENTIFICATION**Signal word:** Danger

H314: Causes severe skin burns and eye damage

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredient	EINECS No.	C.A.S. No.	Content	Classification
Sodium hydroxide	215-185-5	1310-73-2	5-15%	 H314
Polyamino carboxylate	N/a	N/a (polymer)	10-25%	 H315+320
Non-ionic surfactant	Not listed	68439-45-2	5-15%	 H302+318
Amphoteric surfactant	N/a	N/a	1-5%	 H315

4. FIRST AID MEASURES**Inhalation:**

Not normally applicable.

Ingestion:

Wash out mouth with water. Give plenty of water to drink. If feeling unwell, seek medical advice.

Skin contact:

Remove contaminated clothing and wash with soap and water.

Eye contact:

Irrigate the eye thoroughly with plenty of clean water, with eyelids open, for at least 15 minutes, and seek medical advice.

5. FIRE FIGHTING MEASURES

Product is non-flammable and does not support combustion. Select extinguishing media as appropriate to the circumstances of the fire.

Exposure hazards:

Thermal decomposition may release oxides of carbon and nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Contain spillages with sand or other absorbent media. Place into plastic containers for safe disposal. Small spillages and residues may be flushed away with water.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes.

Storage:

Keep out of the reach of children. Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Sodium hydroxide - STEL (15 mins) - 2 mg/m³

RECOMMENDED SAFETY EQUIPMENT:

Eye protection:

Safety goggles or face shield.

Hand protection:

Latex or vinyl gloves.

Skin protection:

Overalls and safety shoes/boots.

Respiratory protection:

Not applicable in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear to straw coloured liquid

Odour:

Mild

pH value:

Approx. 13.5

Boiling point:

Over 100° C

Flash point:

Not applicable

Relative density:

Approx. 1.120 @ 20° C (water = 1.000)

Water solubility:

Fully miscible

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions of storage and use.

Hazardous reactions:

Carbon and nitrogen oxides may be released during thermal decomposition.

11. TOXICOLOGICAL INFORMATION

May cause severe skin burns and eye damage.

12. ECOLOGICAL INFORMATION

This product does not contain any PBT or vPvB substances.
May be harmful to aquatic organisms due to pH elevation if released in large quantities.

13. DISPOSAL CONSIDERATIONS

Surplus material should be disposed of through a licensed waste operator.

14. TRANSPORT INFORMATION

ADR/CDG Class: 8, CORROSIVE



Transport Label:

UN number: 1719

Shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (Contains sodium hydroxide)

Packing group: III

15. REGULATORY INFORMATION

Labelling according to EU requirements:



Hazard symbol: Danger

Hazard statements:

H314: Causes severe skin burns and eye damage

Precautionary statements:

P102: Keep out of the reach of children

P262: Do not get in eyes, on skin or on clothing

P302+352: IF ON SKIN: Wash with soap and water

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing

16. OTHER INFORMATION

The contents of hazardous ingredients listed in section 3 are expressed as a percentage range of active matter calculated on a weight/volume basis unless otherwise specified.

The ingredients used in this product, where applicable, are registered under the REACH system with the European Chemicals Agency (ECHA).

Legal disclaimer:

The foregoing information is based on the state of our knowledge and experience of the product and the various ingredients used in the preparation. It is given in good faith but no warranty is implied. Buyers must satisfy themselves as to the suitability of the product and take responsibility for making their own assessments.

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