

SAFETY DATA SHEET

REF: CW/MSH/IF/M15997

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

Product name: CLEAN WHEELS
Supplier: AUTOGLYM, Works Road, Letchworth, England SG6 1LU
Emergency telephone number: 44 (0) 1462 677766
Identification of the preparation: acidic detergent
Product use: wheel cleaner

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Class	Weight %
Hydrochloric Acid	7647-01-1	C; R34 Xi; R37	0 - 1
Phosphoric Acid Ester	-	C, R34	5 - 20
Alcohol Ethoxylate	68439-45-2	Xn; R22 Xi; R36/38	1 - 5

3. HAZARDS IDENTIFICATION

Inhalation: Irritating to respiratory system
Skin contact: Irritating to skin
Eye contact: Irritating to eyes
Ingestion: May cause irritation to the gastrointestinal tract

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Obtain medical attention.
Skin contact: Wash off with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Eye contact: Flush with plenty of water. If eye irritation persists, consult a specialist.
Ingestion: Do not induce vomiting. Wash mouth out with water. Drink plenty of water. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Specific methods: Cool containers / tanks with spray water.
Suitable extinguishing media: foam, dry powder, carbon dioxide (CO₂)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes.
Environmental precautions: Do not let product enter drains.
Methods for cleaning up: Dilute with plenty of water, Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling: do not mix with other cleaners. Handle and open container with care - acidic. Avoid contact with skin and eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: Hydrochloric Acid
UK National occupational exposure limits: STEL=5 ppm (7.6 mg/m³) as HCl
Engineering measures: Ensure adequate ventilation, especially in confined areas.
Personal protection equipment:
Hand protection: wear chemical resistant gloves.
Eye protection: Eye wash bottle with pure water, goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Boiling point/range: °C
Flash point: °C
Colour: pink
Density: approx 1.040
Water solubility: completely soluble
pH: < 1

10. STABILITY AND REACTIVITY

Stability: Stable
Materials to avoid: oxidizing agents & basic materials

CLEAN WHEELS

11. TOXICOLOGICAL INFORMATION

May cause eye/skin irritation

Alcohol Ethoxylate: LD50/oral/rat = 1140 mg/kg. Harmful if swallowed. Irritating to eyes and skin.

Hydrochloric acid: Causes burns. Irritating to respiratory system.

Phosphoric acid: LD50/oral/rat = > 2g/kg. Causes burns.

12. ECOLOGICAL INFORMATION

Hydrochloric acid: Toxic to aquatic organisms, no evidence of bioaccumulation.

Alcohol ethoxylate: readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products Ensure conformity to local disposal regulations.

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14. TRANSPORT INFORMATION

Conveyance classification: Not classified as dangerous in the meaning of transport regulations

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC

Contains: Phosphoric Acid



Xi - Irritant

R-phrases(s): R36/37/38 - Irritating to eyes, respiratory system and skin.

S-phrases(s): S2 - Keep out of reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S24/25 - Avoid contact with skin and eyes. S23 - Do not breathe spray.

16. OTHER INFORMATION

Last revision dated: 09/10/97

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