



HUGH CRANE
— Cleaning Equipment Limited —

South Walsham Road, Acle, Norwich NR13 3ES
Telephone: 01493 750072 Fax: 01493 751854
Email: sales@hughcrane.co.uk
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Alloy Wheel Cleaner Page 1 of 4
SDS Revision Date 15/01/2016
Print Date: 11/11/2020

PRODUCT INFORMATION SHEET

ALLOY WHEEL CLEANER

- FAST ACTING
- CONCENTRATED PRODUCT
- ACIDIC FORMULATION

DESCRIPTION

Alloy wheel cleaner/Aluminium cleaner

USES

Cleans alloy wheels, removes rusting from other surfaces.

DIRECTIONS AND DILUTIONS

Brush onto the area to be treated.

(Handy tip: Use a small bristle brush for inaccessible areas to loosen deposits).

For best results blast off with a hot pressure washer, or rinse away with water.

Rust may be removed by applying the product to the surface to be treated, after removing loose deposits.



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SDS Review Date 03/03/2020

Print Date: 11/11/2020

SAFETY DATA SHEET

ALLOY WHEEL CLEANER

1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name: ALLOY WHEEL CLEANER
Identified Uses: Cleaning agent for professional use.
Supplied by: Hugh Crane Cleaning Equipment Limited
South Walsham Road, Acle
Norwich NR13 3ES
Telephone: 01493 750072 Fax 01493 751854

In emergency contact the National Poisons Information Service.

UK telephone: 0121 507 5122 or 0344 892 0111

Republic of Ireland: 01 809 2166 or 01 809 2566

2. HAZARDS IDENTIFICATION

Signal Word: Danger



Hazard Statements:
H314: Causes severe skin burns and eye damage
H335: May cause respiratory irritation
See section 15 for precautionary statements

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient	EINECS No	CAS No	Content	Classification
Hydrochloric acid	231-5957-7	7647-01-0	10-25%	H314, H335
Orthophosphoric acid	231-533-2	7664-38-2	5-10%	H314
Non-ionic surfactant	Not listed	68439-45-2	1-5%	H302, H319
Amphoteric surfactant	N/a	N/a	1-5%	H315

4. FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air at once. Keep the affected person warm and at rest.
Ingestion: Rinse out mouth with water, ensuring that none is swallowed. Give milk or water to drink. DO NOT INDUCE VOMITING. Immediately call a poison centre or doctor / physician.
Eye contact: Promptly wash the eye thoroughly with plenty of water, with eyelids open, for at least 15 minutes. Obtain medical attention.
Skin contact: Remove contaminated clothing. Continue to rinse for at least 15 minutes, and seek medical attention.

5. FIRE FIGHTING MEASURES

Product is non-flammable. Select extinguishing media appropriate to the circumstances of the fire. Thermal decomposition may release toxic fumes of chlorine gas and/or corrosive fumes of hydrogen chloride. Contact with metals may release hydrogen. Fire fighters should wear self-contained breathing apparatus and full body protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Contain spillages with sand or other absorbent media. Neutralise with sodium carbonate (soda ash). Small spillages and residues may be flushed away with plenty of water.

7. HANDLING AND STORAGE

Handling: Prevent any skin or eye contact. Ensure adequate ventilation. No smoking.
Storage: Keep away from alkalis and oxidising agents, e.g. sodium hypochlorite (bleach).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	TWA 8 Hour	STEL 15 Min
Hydrochloric acid	2 mg/m ³	8 mg/m ³
Phosphoric acid	1 mg/m ³	3 mg/m ³



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RECOMMENDED SAFETY EQUIPMENT

Eye protection: Safety goggles or face shield.
Hand protection: Impervious neoprene or PVC gloves.
Skin protection: Appropriate clothing to prevent skin contact.
Respiratory protection: Approved RPE required if vapour levels exceed exposure limit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear or blue coloured liquid
Odour: Slight, characteristic
pH value: Approx 1.0
Flash point: Not applicable
Relative Density: Approx. 1.100 @ 20°C (water = 1.000)
Water solubility: Miscible

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.
Reactivity: Reacts with oxidising agents to liberate toxic chlorine gas. Contact with sulphuric acid liberates toxic fumes of hydrogen chloride gas. Contact with nitric acid liberates toxic fumes of nitrosyl chloride. Can liberate harmful gases from certain chemical salts, e.g. cyanides, nitrates, sulphites and carbides. Corrosive to most metals. Contact with metals can liberate highly flammable hydrogen gas. Reactions with concentrated alkalis can generate much heat.

11. TOXICOLOGICAL INFORMATION

Liquid and vapour can cause severe irritation and corrosion to skin, eyes, respiratory and digestive tracts. Aspiration during swallowing or vomiting may cause lung damage.

12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms in high concentrations due to effects of low pH.

13. DISPOSAL CONSIDERATIONS

Surplus material should be neutralised with soda ash and disposed of through a licensed waste operator.

14. TRANSPORT INFORMATION

ADR/CDG Class: 8, CORROSIVE

Transport label:



U.N. No: 1760

Shipping name: CORROSIVE LIQUID, N.O.S. (Contains hydrochloric acid and phosphoric acid mixture)

Packing Group: III

15. REGULATORY INFORMATION

Labelling according to EU requirements:

Hazard symbol:



Signal Word: Danger

Hazard Statements: H314: Causes severe skin burns and eye damage

H335: May cause respiratory irritation

Precautionary statements: P102: Keep out of the reach of children

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

P280: Wear protective gloves and eye/face protection

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

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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



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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).

SDS Issue Date:

29th November 2018

SDS Reviewed:

3rd March 2020

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.

End of Safety Data Sheet.