



HUGH CRANE

— Cleaning Equipment Limited —

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SDS Revision Date 11/10/2016, Reviewed 05/11/20
Print Date 03/12/2020

PRODUCT INFORMATION SHEET

REACH 88

DESCRIPTION

A blend of surface active agents, sequestrants, and alkali builders.

APPLICATION

For the rapid removal of copolymer type transit "wax" from new vehicles.

REACH 88 is supplied as a concentrated solution requiring dilution before use. This material must not be used in its concentrated form.

REMOVAL PROCEDURES

Machine Application - 'Hot'

1. For use with a hot water pressure cleaner, first pre-heat the machine to deliver the working solution at a temperature not exceeding 62°C measured at 300-400 mm from the end of the lance.
2. Set the detergent dosing system to give a 2.0% to 2.5% solution at the nozzle.
3. Apply the solution at a pressure of 50 bar (700 psi). The solution should be applied systematically, using over-lapping strokes holding the lance at a distance of 300-400mm from the vehicle surface.
4. Continue until the coating has been removed, then shut off the detergent dosing valve and rinse thoroughly with clean water.

N.B. In hard water areas, it is recommended to leather off the vehicle after cleaning.

Manual Application - 'Cold'

1. REACH 88 should be diluted between 1 to 6 (15%) and 1 to 12 (8%) parts of water, as required.
2. The working solution, the temperature of which should be between 18 – 22°C, may be applied by low pressure spray, watering can or other suitable application.
3. After a suitable dwell time, rinse thoroughly with clean water.

N.B. In hard water areas it is recommended to leather off the vehicle after cleaning.

TYPICAL CHARACTERISTICS

Appearance: A mobile, free flowing liquid.

pH as supplied: 14.0

pH 1% solution: 8.5 to 9.5

Specific Gravity @ 20°C: 1.088 to 1.104

HEALTH AND SAFETY INFORMATION

- A mildly alkaline solution, containing surfactant.
- Irritating to eyes and skin.
- In the event of skin contact, wash thoroughly with water.
- For eyes, rinse immediately and seek medical advice.
- Spillages should be washed away with water to prevent a hazardous slippery surface.



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SAFETY DATA SHEET

REACH 88

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE SUPPLIER

Product name: REACH 88
Identified Uses: Cleaning agent for professional use.
Transit Lacquer Remover
Supplied by: Hugh Crane (Cleaning Equipment) Limited
South Walsham Road, Acle
Norwich NR13 3ES
Telephone: 01493 750072

2. HAZARDS IDENTIFICATION

Signal word: Warning



Hazard Statements: H315+320: Causes skin and eye irritation.
See section 15 for precautionary statements.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EINECS No.	CAS No.	Content	Classification
Sodium Metasilicate	229-912-9	6834-92-0	1 - 5%	H314
Polyamino carboxylate	Not listed	N/a (polymer)	1 - 5%	H315 H320
Non-ionic surfactant	N/a	68439-45-2	1 - 5%	H302 H319
Monoethanolamine	205-483-5	141-43-5	1 - 5%	H319
Amphoteric Surfactant	N/a	5989-27-5	1 - 5%	H315

4. FIRST AID MEASURES

Inhalation: Not specifically applicable.
Ingestion: Wash out mouth with water and give plenty of water to drink.
Skin contact: Remove contaminated clothing and wash with clean water.
Eye contact: Irrigate the eye thoroughly with plenty of clean water for at least 15 minutes.

5. FIRE FIGHTING MEASURES

Extinguishing media: Powder, foam, CO₂, water spray or fog.
Exposure hazards: Toxic fumes, including oxides of nitrogen may be released during thermal decomposition.

6. ACCIDENTAL RELEASE MEASURES

Use sand or other absorbent media to contain spillages. Place in plastic containers for safe disposal.
Residues may be washed away with water.

7. HANDLING AND STORAGE

Handling: Care should be taken to avoid contact with eyes and prolonged contact with skin.
Storage: Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RECOMMENDED SAFETY EQUIPMENT

Eye protection: Safety goggles.
Hand protection: Latex or vinyl gloves.
Skin protection: Overalls and shoes/boots.
Respiratory protection: Not required in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue-coloured liquid.
Odour: Slightly citrus
pH value: Approx. 13.0
Flash point: Not applicable
Relative density: Approx. 1.078 @ 20°C (water = 1.000)
Water solubility: Fully miscible



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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Hazardous reactions: Oxides of carbon and nitrogen may be released during thermal decomposition.

11. TOXICOLOGICAL INFORMATION

Irritating to the eyes and skin. Not classified as a harmful substance.

12. ECOLOGICAL INFORMATION

This product does not contain any PBT or vPvB substances, and is not considered to be dangerous to the environment.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Labelling according to EU requirements:

Detergent regulations: Contains non-ionic surfactants

Hazard symbol:



Signal word:

Warning

Hazard statements:

H315+320: Causes skin and eye irritation

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: IF IN EYES: Rinse cautiously with water for several minutes

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.

Date of issue:

11th October 2016

SDS Reviewed:

05th November 2020.

End of Safety Data Sheet.