

MORGAN POLYMERS LTD

HEALTH & SAFETY DATA SHEET

1. Identification of the Substance and Company.

Trade Name : Multiflex Acid Etch. **Product Group 7.**

Company : Morgan Polymers Ltd, Unit 2 Century Park, Pacific Park, Altrincham, Cheshire
WA14 5BJ

Phone No. : 0161- 233 - 0023

Emergency Phone No. : 0161- 233 - 0023

Fax No. : 0161- 233 0022

2. Composition/information on ingredients.

Chemical Characterisation : Hydrochloric Acid.

Ingredients	CAS No.	Hazard Symbols	R-Phrases	Concentration
Hydrochloric Acid.	7647-01-0		36/ 38	15-25%

3. Hazards Identification.

May be fatal if swallowed. Material is extremely to the tissue of the mucous membranes and upper respiratory tract, eyes and skin.

4. First Aid Measures.

Immediate Treatment

Eye Contact : Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin Contact : Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothes and shoes.

Inhalation : Remove to fresh air. If breathing becomes difficult call a physician.

Ingestion : If swallowed, wash mouth out provided person is conscious. Call a physician.

5. Fire Fighting Measures.

Protective Equipment : Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing Agents : Carbon Monoxide, Dry Chemical Powder, Alcohol, or Polymer Foam.

6. Accidental Release Measures.

Personal Protection : Wear rubber boots and heavy rubber gloves.

Environmental Precautions : Prevent material from contaminating drainage or water supply.

Methods For Cleaning : Mix with solid Sodium Bicarbonate. Sweep up, place in a bag and hold for waste disposal.

Waste Disposal Method : Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local laws.

7. Handling and Storage.

Safe Handling Advice : Use compatible chemical resistant gloves, chemical safety goggles.
Do not breathe vapour.

Storage : Ensure all containers are properly secured to prevent leakage. Store in a well ventilated area.

8. Exposure Controls / Personal Protection.

Respiratory Protection : Do not breathe vapour. Use an approved respirator if available.

Eye Protection : Wear chemical safety goggles.

Hand Protection : Wear compatible chemical resistant gloves.

Skin Protection : Wear suitable protective clothing.

Hygienic Measures : Wash contact areas and clothing immediately after use.

9. Physical and Chemical Properties.

Physical State : Liquid.

Colour : Clear.

Odour : Weak.

Safety Relevant Data.

Boiling Temperature : 100⁰ C

Thermal Decomposition : N/A

Flash Point : N/A

Vapour Pressure : N/A

Density : 1.2 g/cm³

Solubility : Soluble in water.

Viscosity : 1 poise.

10 Stability and Reactivity.

Materials To Avoid : Strong Bases.

Hazardous Decomposition Products : Chlorine.

Hazardous Polymerisation will not occur.

11. Toxicological Information.

RTECS N⁰ : MW4025000
Hydrochloric Acid

Irritation Data : EYE- RBT 5 MG/30s RINSE MLD

Toxicity Data : IHL- HMN LCLO : 1300 PPM/30M
IHL-HMN LCLO : 3000 PPM/5M
UNR-MAN LDLO : 81 MG/KG
IHL-RAT LC50 : 3124 PPM/1H
IHL-MUS LC50 : 1108 PPM/1H
IPR-MUS LD50 : 1449 MG/KG
ORL-RBT LD50 : 900 MG/KG

12 Ecological Information.

Additional Information about Ecology: Not available.

13. Disposal Considerations.

Packaging :

} See Section 6

Product :

14. Transport Information.

Packaging Group : II Corrosive Substance

U.N. N° : 1789

Label in accordance with CPL 1984 Regulations.

10-25 %

Irritant

R-Phrases : 36, 38

S-Phrases : 2, 28

15. Regulatory Information.

Classification according to EEC Directives.

OES STEL: 5 PPM (7 MG/M³)

OSHA PEL : CL 5 PPM (7MG/M³)

OSHA PEL FINAL : CL 5 PPM (7MG/M³)

16. Further Information.

If further information is required contact our laboratory at Manchester on the number given above.

The specifications are based on the current state of our knowledge and experience.

The Health & safety Data Sheet describes the products from a safety requirements aspect.

The information shall not be regarded as legally binding assurance of certain properties or suitability for a particular application.
