

Material Safety Data Sheet

Company Details

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1.PRODUCT AND COMPANY IDENTIFICATION

Trade / Commercial Name Matic A

Chemical Family Acids

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name Range Hazard

Phosphoric Acid: 30 - 40%

3.HAZARDS IDENTIFICATION

Corrosive – Causes Burns

4.FIRST-AID MEASURES

Eyes: WASH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER THEN OBTAIN MEDICAL ATTENTION WITHOUT DELAY.

Skin: Wash thoroughly with water. Remove contaminated clothing. Obtain medical attention.

Inhalation: REMOVE FROM SOURCE OF EXPOSURE AND OBTAIN MEDICAL ATTENTION WITHOUT DELAY.

Ingestion: REMOVE MATERIAL FROM MOUTH. DRINK 1 OR 2 GLASSES OF WATER OR MILK. OBTAIN MEDICAL ATTENTION WITHOUT DELAY.

Equipment at work place: Eye and skin washing facilities. Drench shower if handling large amounts.

5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Extinguishing Media: Any can be used

Explosive Hazards: None known

Special Protective Equipment: Breathing apparatus should be worn when tackling fires involving this product.

Hazardous Combustion Products: Toxic and irritant fumes may be given off when heated to decomposition.

6. ACCIDENTAL RELEASE MEASURES

Protection of Personnel: Wear chemically resistant (acids) protective clothing.

Spillage Clean-up: Observe local legislation.

Absorb large spillages with inert material (e.g sand) and collect into suitable, labelled containers for disposal at an approved site. Wash residues and small spillages away to drain with water.

7. HANDLING AND STORAGE

Handling: Avoid eye and skin contact, ingestion and inhalation. Prevent any mist formation. Add product to water when preparing solutions. Do not mix with chlorine releasing agents or (bi)sulphite as this will cause rapid evolution of toxic gas.

Storage: Store in the original, closed containers under dry conditions. Avoid extremes of temperature. Keep away from chlorine releasing agents or (bi)sulphite.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Face shield and acid resistant protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, water-white liquid

pH: Highly acidic

Relative Density: 1,29

Solubility: Soluble in water

10. STABILITY AND REACTIVITY

Reacts with alkali with the evolution of heat. Contact with chlorine releasing agents or (bi)sulphite causes rapid evolution of toxic gas.

11. TOXICOLOGICAL INFORMATION

Eyes: Causes severe or permanent damage.

Skin: Causes burns.

Inhalation: Severe irritant, may cause pulmonary oedema.

Ingestion: Causes burns.

12. ECOLOGICAL INFORMATION

The only hazard is from the acidity of the product.

13. DISPOSAL CONSIDERATIONS

Do not discharge to natural water systems. Transfer to containers for authorised disposal. Observe relevant legislation.

14. TRANSPORT INFORMATION:

UN Class: 8 Group 3 **UN No:** 1805

15. REGULATORY INFORMATION

Hazard Symbol: C; Corrosive

Risk Phrases: R34 : Causes burns

Safety Phrases: R26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

R28 : After contact with skin wash immediately with plenty of water.

R36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45 : In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Handle and apply only as recommended.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

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