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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: WATERCLOR Trichloroisocyanuric Acid (TCCA)
Supplier: Waterland
Blk 20 Ang Mo Kio Industrial Park 2A #06-05, AMK Techlink
Singapore 567761
Tel: 6481 0531 Fax: 6484 0839

2. COMPOSITION/DATA ON COMPONENTS:

A white crystal powder, granular or tablet with stimulant smell of hypochloric acid, with specific gravity of 0.96 and solubility in water of 1.2g /100g(25°C); resolving when contact with acid or alkali

CAS NO.: 87-90-1

3. HAZARDS IDENTIFICATION

Harmful if swallowed. Irritating to eyes and respiratory system. Contact with acid or alkali will give out toxic gas.

Hazard designation: 5.1

4. FIRST AID MEASURES

Eye: Wash eyes with plenty of water at least 15 minutes. Get medical aid immediately.
Skin: Remove contaminated clothing and shoes, wash skin with plenty of soap and water. Get medical aid immediately.
Ingestion: If victim is conscious, give 2-4 cupfuls of milk or water. Do not induce vomiting, seek medical aid immediately.
Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical aid immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: use plenty of water

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Once touch, use water to wash.
Measures for environmental protections: Keep dry and cool, out of the sunlight and rain.
Spills/Leaks: Vacuum or sweep up material and put into a suitable disposal container. Avoid using metal tools or containers.

7. HANDLING AND STORAGE

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid contact with clothing and other combustible materials.

Storage: Keep in dry and cool place. Keep out of the sunlight and rain, do not contact with acidic and alkaline materials.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal protective equipment: wear chemical goggles, gloves or respirators and other appropriate clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Technical name: Trichloroisocyanuric Acid, dry
Form: Solid
Color: White
Odor: With stimulant smell of hypochloric acid
Molecular Weight: 232.44
Change in condition: Resolving when contact with acid or alkali
Flash point: N/A
Danger of explosion: No
Density: 0.9~1.8
Solubility: 1.2g /100g(25) of solubility in water.

10. STABILITY AND REACTIVITY:

Chemical stability: Stable under normal temperatures and pressures.
Conditions to avoid: Incompatible materials, acid, alkali, moisture or water.
Dangerous products of composition: Hydrogen chloride, nitrogen oxides and nitrogen.]

11. TOXICOLOGICAL INFORMATION:

Acute toxicity: Yes
Primary irritant effect: Naupathia and short of breath, cough.

12. ECOLOGICAL INFORMATION:

N/A

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner complying with federal, state and local regulations.
Unclean packaging: Forbidden.

14. TRANSPORT INFORMATION

IMO: 5.1
UNNO: 2468
Packaging group: II

15. REGULATORY INFORMATION

N/A

This material safety data sheet and the information it contains is offer to you in a good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believed that the information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in the data sheet may not be adequate for all individuals and/ or situation. It is the user's obligation to evaluate and use this product safety and to comply with all applicable laws and regulation. No statement made in this data sheet shall be constructed as a permission or recommendation for the use of any product in a manner the might infringe existing patents. No warranty is either made express or implied.
