Material Safety Data Sheet

|  |  |  |  |
| --- | --- | --- | --- |
| **Section1. Product Information and Company Identification** | | | |
| **Product name** Iron (III) Chloride Solution, | | | |
| **Mol.formula** | FeCl3.5H2O | **Cas no** | null |
| **Mol.wt** | 270.30 g/mol | **Cat no** | FC001 |
| **Manfactre name** | Pioneers for laboratory chemicals | | |
| **Brand name** | Piochem | | |
| **Adress** | Area 540, Industrial Zone 6th October city Giza, Egypt. | | |
| **Website** | www.piochem.com | | |
| **E-mail** | info@piochem.com | | |
| **Phone number** | +201225728304 , +201023932115 | | |

|  |
| --- |
| **Section 2.Hazards Identification** |
| *yellow-orange liquid; mild chlorine odor.* **HMIS (0 to 4)**  **WARNING!** Corrosive to body tissue and moderately toxic by ingestion.  Target organs: Cardiovascular and central nervous system, liver, kidneys.  This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). |
| **Section 3.First Aid Measures** |
| **Eyes:** Immediately flush eyes with excess water for 15 minutes, lifting lower and upper eyelids occasionally.  **Skin:** Immediately flush skin with excess water for 15 minutes while removing contaminated clothing.  **Ingestion:** Call Poison Control immediately.  ***Do not induce vomiting***. Rinse mouth with cold water. Give victim 1-2 cups of  water or milk to drink.  **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. |
| **Section 4. Fire Fighting Measures** |
| Noncombustible solution. When heated to decomposition, emits acrid fumes.  **Protective equipment and precautions for firefighters:**  Use foam or dry chemical to extinguish fire.  Firefighters should wear full fire fighting turn-out gear and respiratory protection (SCBA).  Cool container with water spray. Material is not sensitive to mechanical impact or static discharge. |
| **Section 5.Accidental Release Measures** |
| Use personal protection recommended.  Isolate the hazard area and deny entry to unnecessary and unprotected  personnel. Contain spill with sand or absorbent material and place material in a sealed bag or container for disposal. Wash spill area after pickup is complete. |
| **Section 6. Handling and Storage** |
| **Handling:** Use with adequate ventilation and do not breathe dust or vapor. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly after handling.  **Storage**: Store in Corrosive Area [White Storage] with other corrosive items. Store in a cool, dry, well-ventilated, locked store room away from incompatible materials. |
| **Section 7. Additional Information** |
| The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because S&C has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law. S&C makes no warranty, expressed or implied, including (without  limitation) warranties with respect to the completeness or continuing accuracy of the information contained herein or with respect to fitness for any  particular use. |

.