

**MATERIAL SAFETY DATA SHEET**

**1. PRODUCT NAME AND COMPANY IDENTIFICATION**

<b>PRODUCT NAME</b>	<u>MAGNESIUM CHLORIDE</u>
<b>COMPANY NAME</b>	Catz Chemicals
<b>COMPANY ADDRESS</b>	306, Aangi arcade, Opp. Jawahar Medan, Atabhai Chowk, Bhavnagar – 364002, Dist. Bhavnagar, Gujarat, INDIA. C: +91 989 841 9831 <a href="mailto:info@catzchemical.com">info@catzchemical.com</a>

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredients :</b>	Magnesium Chloride
<b>Hazardous Components:</b>	None
<b>CAS #:</b>	7786-30-3

**3. HAZARDS IDENTIFICATION**

<b>ROUTES OF ENTRY</b>	
<b>Eye Contact</b>	Causes severe eye irritation and possible injury.
<b>Skin Contact</b>	Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.
<b>Ingestion</b>	May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Excessive intake of citric acid may cause erosion of the teeth.
<b>Inhalation</b>	Causes respiratory tract irritation.

**4. FIRST AID MEASURES**

<b>Eyes</b>	Immediately flush contaminated eyes with a directed stream of water for as long as possible. Remove contact lenses, if present and easy to do. Continue rinsing. GET MEDICAL ATTENTION IMMEDIATELY. Washing eyes within several seconds is essential to achieve maximum effectiveness.
<b>Skin</b>	Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry, and shoes immediately. Wash contaminated areas with large amount of water. GET MEDICAL ATTENTION IMMEDIATELY. Thoroughly clean and dry contaminated clothing before reuse. Discard contaminated leather goods.
<b>Ingestion</b>	If swallowed, do not induce vomiting. For definite or probable ingestion, do not administer oral fluids. If vomiting occurs spontaneously, keep airway clear.
<b>Inhalation</b>	If inhalation of mists, vapors, or spray occurs and adverse effects result, remove to uncontaminated area. GET MEDICAL ATTENTION IMMEDIATELY.

**Catz Chemical**

306, Aangi Arcade, Aatabhai Chowk, Bhavnagar - 364001, Gujarat, INDIA.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	<ul style="list-style-type: none"><li>· Water Spray</li><li>· Water fog</li><li>· Dry chemical</li><li>· Carbon dioxide</li></ul>
<b>Special Firefighting Procedures</b>	Wear self-contained breathing apparatus for firefighting if necessary.
<b>Unusual Fire &amp; Explosion Hazards</b>	N/A

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid dust formation. Avoid breathing mist, gas or vapors. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
<b>Environmental Precautions</b>	Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.
<b>Methods for Cleaning Up</b>	Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### 7. HANDLING AND STORAGE

<b>Handling</b> Safe Handling	Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Do not ingest. Do not eat, drink or smoke in areas where this material is used.
<b>Storage</b> Requirements for Storage Areas and Containers	Keep container tightly closed in a dry and well-ventilated place. hygroscopic Keep in a dry place

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Eye</b>	Safety glasses should be worn. Eyewash facility should be nearby.
<b>Skin/Body</b>	No precautions other than clean body-covering clothing should be needed.
<b>Respiratory</b>	If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Powder
Color	White
Odor	Odorless
Molecular Formula	MgCl <sub>2</sub>
Molecular Weight	95.21 g/mol
Boiling Point	1412 °C
Melting Point	712 °C
Solubility	Very soluble in <u>water</u> , freely soluble in <u>ethanol</u>
Density	2.3 g/cm <sup>3</sup>

#### 10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.
Hazardous Decomposition Products	Hydrogen chloride. Iron oxide. Thermal decomposition generates : Corrosive vapors.

#### 11. TOXICOLOGICAL INFORMATION

Routes of Entry	Inhalation. Ingestion
Chronic Effects on Humans	Slightly hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation.
Other Toxic Effects on Humans	Skin: It can cause skin irritation which is usually mild & solutions can cause chemical burns. Eyes: Causes moderate eye irritation. It may cause Salt Cataract, increased ocular pressure, and degeneration of the retina Inhalation: It can cause respiratory tract and mucous membrane irritation which is usually mild. Ingestion: May be harmful if swallowed

#### 12. ECOLOGICAL INFORMATION

Eco toxicity	NA
Persistence/degradability and mobility	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise

#### 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Waste must be disposed of in accordance with federal, state and local environmental control regulations
Container Management	Dispose of container in accordance with applicable local, regional, national, and/or international regulations. Container reinstated must be disposed of in compliance with applicable regulations.

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#### 14. TRANSPORT INFORMATION

<b>DOT Classification</b>	Signal: Danger Harmful if swallowed Causes severe skin burns and eye damage May cause respiratory irritation
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#### 15. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.  
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however; all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.



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