

Material Safety Data Sheet



Iron (III) Chloride, 10%

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CAROLINA
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Section 1 - Product Description

Product Name:

Product Code(s):

Size:

Chemical Name: Ferric Chloride 10%

CAS Number:

Formula:

Synonyms:

Distributor:

Chemical Information: Chemtrec

Section 2 - Hazard Identification

Emergency Overview:

Potential Health Effects:

Section 3 - Composition / Information on Ingredients

Principal Hazardous Components: Ferric Chloride 10%

TLV units:

PEL units:

Section 4 - First Aid Measures

Emergency and First Aid Procedures:

Eyes -

Skin -

Ingestion -

Inhalation -

Section 5 - Firefighting Procedures

Flash Point (Method Used):

NFPA Rating:

Health:

Fire:

Reactivity:

Extinguisher Media:
Flammable Limits in Air % by Volume:
Autoignition Temperature:
Special Firefighting Procedures:
Unusual Fire and Explosion Hazards:

Section 6 - Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled: Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal.

Section 7 - Special Precautions

Precautions to Take in Handling or Storing:

Section 8 - Protection Information

Respiratory Protection (Specify Type):
Ventilation:
 Local Exhaust:
 Mechanical(General):
 Special:
 Other:
Protective Gloves:
Eye Protection:
Other Protective Clothing or Equipment:

Section 9 - Physical Data

| | |
|------------------------------------|-----------------------------------|
| Molecular Weight: | Melting Point: |
| Boiling Point: | Vapor Pressure: |
| Vapor Density(Air=1): | Specific Gravity (H2O=1): |
| Percent Volatile by Volume: | Evaporation Rate (BuAc=1): |
| Solubility in Water: | Appearance and Odor: |

Section 10 - Reactivity Data

Stability:
Conditions to Avoid:
Incompatibility (Materials to Avoid):
Hazardous Decomposition Products:
Hazardous Polymerization:

Section 11 - Toxicity Data

Toxicity Data:
Effects of Overexposure:
 Acute:
 Chronic:
Conditions Aggravated by Overexposure:
Target Organs:
Primary Route(s) of Entry:

Section 12 - Ecological Data

EPA Waste Numbers:

Section 13 - Disposal Information

Waste Disposal Methods:

Section 14 - Transport Information

DOT Proper Shipping Name:

Section 15 - Regulatory Information

EPA TSCA Status:

Hazard Category for SARA Section 311/312 Reporting:

Name List:

Chemical Category:

CERCLA Section 103 RQ(lb.):

RCRA Section 261.33:

Section 16 - Additional Information

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

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|------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS Number | Chemical Services Abstract Number |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| DOT | U.S. Department of Transportation |
| IARC | International Agency of Research on Cancer |
| N/A | Not Available |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| ppm | Parts per million |
| RCRA | Resource Conservation and Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |