

Company: DALCHEM, MOSKOVSKOE SHOSSE, 85, Nizhny Novgorod, 603000, RUSSIA  
TEL: + 7 (8312) 753-772, FAX: +7 (8312) 750-799

**SECTION 1: Product Identification**

<b>Product name</b>	Iron (II) trifluoromethanesulfonate, 98% (Iron triflate)
<b>CAS #</b>	Not available
<b>Catalog #</b>	0262400
<b>Chemical family</b>	Metal triflate compound

**SECTION 2: Composition, Information on Ingredients**

<b>Component</b>	<b>%</b>	<b>CAS #</b>	<b>EINECS #</b>	<b>Hazard Symbol</b>	<b>R-Phrase</b>
Iron (II) trifluoromethanesulfonate	98	Not available	Not available	C	34

**SECTION 3: Hazard Identification**

<b>Emergency overview</b>	Hygroscopic. May causes burns. Inhalation can lead to irritation of the respiratory tract. Corrosive.
<b>Eye contact</b>	May causes eye burns.
<b>Skin contact</b>	May causes skin burns.
<b>Inhalation</b>	May causes chemical burns of the respiratory tract.
<b>Ingestion</b>	No information available.
<b>Chronic health effects</b>	Not available.

**SECTION 4: First Aid Measures**

<b>Eye exposure</b>	Flush eyes with plenty of water for at least 10-15 minutes, occasionally lifting the upper and lower eyelids, get medical aid immediately.
<b>Skin exposure</b>	Wash the affected area with water. Remove contaminated clothes. Get medical aid immediately.
<b>Inhalation</b>	Remove the victim from exposure to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, pain, etc. In such cases seek immediate medical assistance. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<b>Ingestion</b>	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

**SECTION 5: Fire Fighting Measures**

<b>General information</b>	If this material is involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing. If involved in fire material may emit toxic fumes of hydrogen fluoride, carbonyl fluoride, and sulfur dioxide. Corrosive.
<b>Extinguishing media</b>	Use foam, dry chemical, or carbon dioxide.

**SECTION 6: Accidental Release Measures**

<b>Spill and leak procedures</b>	Small spills can be mixed with vermiculite or sodium carbonate or other inert material and swept up. Ventilate area.
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SECTION 7: Handling and Storage	
<b>Handling</b>	Do not breathe dust. Do not get in eyes, on skin, or on clothing. Use in a chemical fume hood.
<b>Storage</b>	Store in a cool, dry place. Store material in a tightly sealed bottle away from moisture. Keep under a nitrogen. Corrosives area.
SECTION 8: Exposure Controls and Personal Protection	
<b>Eye protection</b>	Always wear approved safety glasses when handling a chemical substance in the laboratory.
<b>Skin protection</b>	Wear protective gloves.
<b>Ventilation</b>	Handle the material in an efficient fume hood.
<b>Respirator</b>	If ventilation is not available a respirator should be worn. The use of respirators requires Respirator Protection Program to be in compliance with 29CFR 1910.134.
SECTION 9: Physical and Chemical Properties	
<b>Appearance</b>	Off-white to brown powdr.
<b>Odor</b>	None
<b>Boiling point</b>	Not data
<b>Flash point</b>	Not data
<b>Solubility in water</b>	Soluble
<b>Specific gravity</b>	Not data
<b>Molecular formula</b>	(CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> Fe
<b>Molecular weight</b>	353.98
SECTION 10: Stability and Reactivity	
<b>Stability</b>	Hydroscopic solid.
<b>Hazardous polymerization</b>	No hazardous polymerization.
<b>Conditions to avoid</b>	Incompatible materials, exposure to moist air or water.
<b>Incompatibilities with other materials</b>	Strong oxidizing agents, strong acids, active metals.
<b>Hazardous decomposition products</b>	Carbon monoxide, carbon dioxide, sulfur oxides, hydrogen fluoride.
SECTION 11: Toxicological Information	
<b>RTECS Data</b>	No data available.
<b>Carcinogenic effects</b>	No data available.
<b>Mutagenic effects</b>	No data available.
<b>Tetratogenic effects</b>	No data available.
SECTION 12: Ecological Information	
<b>Ecological information</b>	No information available.
SECTION 13: Disposal Considerations	
Dispose of in a manner consistent with federal, state, and local regulations.	

SECTION 14: Transport Information	
<b>Shipping name (CFR)</b>	Corrosive solid, acidic, organic, N.O.S.
<b>Hazard class (CFR)</b>	8
<b>Additional hazard class (CFR)</b>	NA
<b>Packing group (CFR)</b>	II
<b>UN ID number (CFR)</b>	3261
<b>Shipping name (IATA)</b>	Corrosive solid, acidic, organic, N.O.S.
<b>Hazard class (IATA)</b>	8
<b>Additional hazard class (IATA)</b>	NA
<b>Packing group (IATA)</b>	II
<b>UN ID number (IATA)</b>	3261
SECTION 15: Regulatory Information	
<b>TSCA</b>	No data available.
<b>SARA</b>	No data available.
SECTION 16: Other Information	
<b>Preparation date</b>	24.06.05
<b>Revision date</b>	28.11.05
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