

Material Safety Data Sheet

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Section I

Emergency Telephone Number: Chem Trec 1-800-424-9300
 Information Telephone Number: Unichem Corp. 1-773-376-8873

Product Name: Unimatic Sour/Bright/Iron

Hazard Rating: Health 3 Fire 3 Reactivity 2 Special None

(Hazard Rating Scale: 4 - Severe; 3 - Serious; 2 - Moderate; 1 - Slight; 0 - Minimal)

Section II - Hazardous Ingredient, Identity Information

Name:	Osha Pel	ACGIH TL V	Other	Percentage
Fluosilicic Acid	2.5 mg F/M3	2.5 mg F/M3	-	-

ne = not established This product does not contain substances subject to Section 313 of Sara title III

Section III - Physical/Chemical Characteristics

Boiling Point: 180 F
 Vapor Pressure: 33 @ 68 F
 Vapor Density (Air=1): 2.1
 Specific Gravity (H2O=1): 1.08
 Melting Point: N/A
 Evaporation Rate: 1.4
 Solubility in Water: Complete
 Appearance & Odor: Colorless Liquid, Pungent Odor

Section IV - Fire and Explosion Hazard Data

Flash Point: 6.3 F
 Extinguishing Media: Water Fog, Dry Chemical, CO 2
 Fire Fighting Procedures: Clear area of personnel, use bunker gear, face shield, & gloves
 Fire & Explosion Hazards: Keep away from ignition sources

Section V - Reactivity Data

Stability: Stable
 Conditions to avoid: Keep away from heat and ignition sources
 Incompatibility: Alkalis, bleaches, aluminum & zinc
 Hazardous Decomposition: May produce toxic fumes
 Hazardous Polymerization: Will not occur

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Section VI - Health Hazard Data

<i>Route of Entry:</i>	<i>Inhalation?</i>	<i>Skin?</i>	<i>Ingestion?</i>
	X	X	X

Health Hazards: Contact with the eyes, skin, or mucous membranes will cause skin irritation with possible burns and tissue destruction.

Carcinogenicity: NONE

Signs & symptoms of exposure: Inflammation, burning sensation, tissue damage

Medical conditions generally aggravated by exposure: None Known

Emergency & First Aid Procedures:

Ingestion: Give large amount of milk or water. Do not induce vomiting. Get medical attention.
Skin: Immediately flush with plenty of water.
Eyes: Flush with water for 15 minutes. Get medical attention immediately.

Section VII - Precaution for Safe Handling & Use

Steps to be taken in case material is released or spilled:
KEEP MATERIAL OUT OF WATER SOURCES & SEWERS.

Waste disposal method:
**DIKE TO CONTAIN MATERIAL. NEUTRALIZE WITH LIME.
 BURY NEUTRALIZED WASTE IN APROVED LANDFILL.**

Precautions to be taken in handling & storing: **STORE IN A COOL DRY PLACE.**

Other precautions: **PREVENT SKIN CONTACT.**

Section VIII - Control Measures

<i>Respiratory Protection:</i>	<i>Wear NIOSH air cannister</i>
<i>Ventilation:</i>	<i>Normal</i>
<i>Protective Gloves:</i>	<i>Neoprene or rubber</i>
<i>Eye Protection:</i>	<i>Goggles</i>
<i>Other Protection:</i>	<i>Protective clothing for acids</i>

Unimatic SourlBrightIron

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