

SAFETY DATA SHEET

MT-SOUR



SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: MT-SOUR

GENERAL DESCRIPTION: MT SOUR - MICROTECH LIQUID LAUNDRY SOUR AND RUST REMOVER


SUPPLIER/MANUFACTURER: U S CHEMICAL, 316 HART STREET, WATERTOWN, WI 53094 E.U.

DISTRIBUTOR: ONELINK Global Group

BUSINESS PHONE: +52 998 886 2905 (MEX) - +1 809 552 6202 (REP. DOM) - +1 876 379 6637 (JAM)

EMERGENCY PHONE: 1-866-923-4913

SECTION 2: HAZARD IDENTIFICATION

LABEL ELEMENTS	SIGNAL WORD	HAZARD CATEGORY
	DANGER	Hazard Category: Category 1B: Skin Corrosion Category 1: Eye Damage Category 1: Corrosive to metals Category 4: Acute toxicity: oral

Precautionary Statements: causes severe skin burns and serious eye damage. May be corrosive to metals. Harmful if swallowed. Harmful in contact with skin.

FIRST AID

FIRST AID: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse.

IF SWALLOWED: Rinse mouth. Call a Poison Center or physician if you feel unwell. Do NOT induce vomiting. If conscious, dilute by drinking up to a cupful of milk or water as tolerated.

IF INHALED: Remove person to fresh air and keep comfortable

Storage: Store tightly closed only in original corrosive-resistant plastic container. Store locked up.

Disposal: Dispose of contents in accordance with all federal, state and local applicable laws and regulations.

KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

# CAS	NAME	%w/w
16961-83-4	Hydrofluorosilicic acid	23.0
7664-39-3	Hydrogen fluoride	0.3

SECTION 4: FIRST AID MEASURES

If in eyes: rinse cautiously with water for several minutes. Remove contact Lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

If on skin (or hair): take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse.

If swallowed: rinse mouth. Call a poison center or physician if you feel Unwell. Do not induce vomiting. If conscious, dilute by drinking up to a cupful of milk or water as tolerated.

If inhaled: remove person to fresh air and keep comfortable for breathing.

SECTION 5: FIRE FIGHTING MEASURES

Chemical hazards: corrosive. Non-flammable.

Combustion product hazards: oxides of carbon and other fumes.

Methods: select extinguisher and methods based on fire size and type.

Equipment: wear SCBA and full protective gear as conditions warrant.

NFPA rating: health-3/flammability-0/ instability-0/special hazard-n.ap.

Suitable extinguishers: water, dry chemical, co2 or foam suitable for fire.

Unsuitable extinguishers: no restrictions based on chemical hazards.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: evacuate unprotected personnel from area. Wear personal protection including rubber boots. See section 8. Ventilate area if needed. Be careful not to slip. Wash thoroughly after clean-up.

Environmental precautions: prevent spill from entering drain, storm sewer or surface waterway. Prevent water and soil contamination.

Clean-up methods: small spills may be wiped up and rinsed with water. For larger spills, dike to contain. Pump to labeled container or absorb spillage and scoop up with inert absorbent material. After spill collection, rinse area with water and follow with normal clean-up procedures.

SECTION 7: HANDLING AND STORAGE

Handling: follow all label directions. Instruct personnel about proper use, hazards, precautions, and first aid measures. Avoid inhalation, ingestion, and contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before reuse. Product residue may remain in empty containers. Handle carefully to avoid damaging container.

Storage: store tightly closed only in original corrosive-resistant plastic container. Store locked up. Store at ambient temperatures in a dry area out of direct sunlight. Protect from freezing. Rotate stock regularly. Keep away from food and drink. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS

# CAS	NAME	TWA (ppm)	TWA (mg/m3)
16961-83-4	Hydrofluorosilicic acid	N/D	2.5
7664-39-3	Hydrogen fluoride	0.5	N/D

Engineering controls: general room ventilation is typically adequate.

Eyes: chemical-splash safety goggles.

Hands: chemical-resistant protective gloves (nitrile, neoprene or rubber).

Respiratory: niosh/msha certified respirator if exposure limits are exceeded.

Feet: protective footwear.

Body: suitable protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Color: green

Odor: none

pH concentrate: inferior to 2.

Boiling PInt: N/S

Vapor Pressure: N/D

Relative Density: 1.210

Viscosity: non-viscous

Freezing Point: N/D

Vapor Density: N/D

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable.

Materials to Avoid: acids, bleach and metals. Mix only with water.

Possibility of hazardous reactions: see reactivity. Will not polymerize

Hazardous decomposition products: none under normal conditions.

Conditions to avoid: temperatures below 1.6°C (35°F) or above 49°C (120°F).

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of exposure: eyes, skin, ingestion, inhalation.

Information on routes of exposure: no lc50/ld50 test data on mixture.

Specific target organs (single/repeated): none known.

Numerical measures of toxicity: ATEMIX (oral-rat) = 540 mg / kg

Carcinogens: no reportable ACGIH, IARC, NTP, or OSHA carcinogens.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information: OSHA will not be enforcing information requirements in section 12, as this area is not under its jurisdiction.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal method: undiluted product is regulated under environmental and transportation laws as a corrosive waste (rcra class d002). Dispose of contents in accordance with all federal, state, and local applicable laws and regulations. Consult

state and local authorities for restrictions on disposal of chemical waste. Manage chemical wastes through an approved waste treatment facility. Do not reuse empty container.

Rinse empty container thoroughly with water before discarding container in accordance with current local community codes. Please recycle empty container whenever possible. See section 8 for exposure controls/personal protection to minimize exposure.

SECTION 14: TRANSPORTATION INFORMATION

DOT / IMDG / TDG: UN1778, fluorosilicic acid, 8, II

SECTION 15: REGULATORY INFORMATION

EPA CERCLA RQ: no

EPA registered: no

Inventory status (DSL/NDL - CANADA): all components are listed.

Inventory status (TSCA - USA): all components are listed.

OSHA hazardous: yes. See section 8 to minimize exposure.

Phosphorus content: 0.00%

Proposition 65: no

Sara 311/312 hazard categories: see section 2 for ghs hazard classes.

Sara 313 chemicals: no

State right to know: WATER/7732-18-5, HYDROFLUOROSILICIC ACID/16961-83-4,
HYDROGEN FLUORIDE/7664-39-3

VOC: 0.00% calculation method used is based on California arb standard.

WHMIS 2015-GHS HAZARDOUS: yes. See section 8 to minimize exposure.

SECTION 16: OTHER INFORMATION

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