

# Modern Stone Technologies – MSDS | Revive

## Section [1] Product Identification

**Product name:** Modern Stone Technologies Revive  
**Produced by:** Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224  
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**E-mail:** support@modernstonecare.com  
**Fax:** (480) 969-1978  
**In case of emergency:** CHEMTREC International: (703) 527-3887

## Section [2] Health Hazard Data

**Hazard status:** This product is a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. CORROSIVE MATERIAL. CAUSES BURNS.

### Routes Of Entry

Dermal contact • Eye contact • Inhalation • Ingestion

### Potential Acute Health Effects

**Eye:** Causes burns. Severe deep burns to eyes.

**Skin:** Causes burns. Redness. Pain. Blisters.

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** Causes burns. May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### Potential Chronic Health Effects

**Carcinogenic effects:** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

**Mutagenic effects:** Not available.

**Teratogenic effects:** Not available.

**Medical conditions aggravated by overexposure:** Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

## Section [3] Composition

Name :	CAS number	Wt. %
Urea, monohydrochloride	506-89-8	7 – 13

## Section [4] Emergency First Aid Procedures

**Eye contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

**Skin contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**General advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

**Notes to physician:** Symptoms may not appear immediately.

## Section [5] Fire & Explosion Data

**Flammability of the product:** Not flammable by WHMIS/OSHA criteria.

**Extinguishing media suitable:** Powder, foam, carbon dioxide.

**Not suitable:** Do not use water.

**Products of combustion:** May include, and are not limited to: oxides of carbon, oxides of nitrogen.

**Special protective equipment for fire-fighter:** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## Section [6] Accidental Release Measure

**Personal precautions:** Eliminate all ignition sources. Use suitable protective equipment.

**Environmental precaution and clean-up methods:** Keep out of drains, sewers, ditches, and waterways.

Minimize use of water to prevent environmental contamination. Soak into absorbent material. Spills of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.

**Methods for containment:** Contain and/or absorb spill, then place in a suitable container.

## Section [7] Handling & Storage

**Handling:** Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Handle and open container with care. When using, do not eat or drink. Wash hands before eating, drinking, or smoking.

**Storage:** Keep out of the reach of children. Keep container tightly closed. Store in a cool place. Not to be stored or mixed with bases.

## Section [8] Exposure Controls & Personal Protection

**Product name:** Urea, monohydrochloride.

**Exposure limits:** ACGIH TLV (United States).

**TWA:** Not available

**Engineering measures:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Personal protection

**Eyes:** Wear eye/face protection.

**Skin:** Lab coat.

**Respiratory:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hands:** Wear suitable gloves.

**HMS Code/Personal protective equipment:** B

**Hygiene measure:** Handle according to established industrial hygiene and safety practices.

## Section [9] Physical & Chemical Properties

**Physical state:** Liquid, (Clear.)

**Flash point:** Closed Not available.

**Auto-ignition temperature:** Not available.

**Flammable limits:** Not available.

**Color:** Straw.

**Boiling/condensation point:** ~ 100°C (~ 212°F)

**Melting/freezing point:** Not available.

**Critical temperature:** Not available.

**Relative density:** Not available.

**Vapor pressure:** Not available.

**Vapor density:** Not available.

**Viscosity:** Not available.

**Solubility:** Negligible.

**Percent volatile, wt. %:** 90-95%

**VOC content, wt. %:** < 1 g/L

## Section [10] Stability & Reactivity

**Stability and reactivity:** Stable under normal storage conditions.

**Incompatibility with various substances:** Contact with most common metals liberates extremely flammable gases. Oxidizers. Chlorates. Nitrates. Chlorine bleach. Incompatible and should not be stored or mixed with bases.

**Hazardous polymerization:** May include, and are not limited to: oxides of carbon, oxides of nitrogen.

**Conditions of reactivity:** Heat. Incompatible materials.

## Section [11] Disposal consideration

**Waste disposal:** Dispose material in accordance with all local, state, and federal regulations.

## Section [12] Transport information

**NAERG :** 128

**DOT Classification:** CORROSIVE LIQUID, ACIDIC, ORGANIC  
**N.O.S. (Urea Monohydrochloride) • Class 8 • UN3265 • PG III**

**TDG Classification:** CORROSIVE LIQUID, ACIDIC, ORGANIC  
**N.O.S. (Urea Monohydrochloride) • Class 8 • UN3265 • PG III**

**ORM-D (= 5L).**

## Section [14] Regulatory Information

**HCS Classification:** Combustible Liquid • Irritating Material

**WHMIS Classification:** Class E - Corrosive Material.

### U.S. Federal regulation:

**TSCA :** Urea, monohydrochloride DSL

All ingredients are on DSL/NDL and TSCA inventories or are exempt from listing.

**State regulations:** No products were found.

**California prop. 65:** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

**Mexico:** MSDS prepared pursuant to NOM-018-STPS-2000.

### Health 3

**Flammability 0**

**Reactivity 1**

**Special 0**

**International lists:** This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969)

## Section [14] Other Information

*Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

