

SAFETY DATA SHEET

Date Prepared : 5/22/2015

SDS No : Lightening_SDS

Lightening

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lightening
GENERAL USE: Acid Cleaner & Delimer
PRODUCT CODE: H10-30080

MANUFACTURER

Ultra-Chem Inc.
8043 Flint
Lenexa, KS 66214

Emergency Phone: 913-492-2929**Customer Service:** 800-451-0726**Transportation:** 800-535-5053**24 HR. EMERGENCY TELEPHONE NUMBERS**

Infotrac 800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Corrosion / Irritation, Category 1 Subcategory B

Serious Eye Damage / Eye Irritation, Category 1

GHS LABEL

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)



Corrosion

SIGNAL WORD: DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS**General:**

P501: Dispose of contents/container to an approved waste disposal plant.

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash face, hands and any exposed skin thoroughly after handling.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P314: Get medical advice/attention if you feel unwell.

Storage:

P405: Store locked up.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Hydrochloric Acid	< 15	7647-01-0

4. FIRST AID MEASURES

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

SKIN: Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. Call a POISON CENTER or doctor / physician. Remove and wash contaminated clothing before re-use.

INGESTION: Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center.

INHALATION: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

OTHER CONSIDERATIONS: In a fire or if heated, a pressure increase will occur and the container may burst.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may include the following materials: halogenated compounds

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

7. HANDLING AND STORAGE

HANDLING: Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

STORAGE: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
			EXPOSURE LIMITS
			Supplier OEL
Chemical Name		ppm	mg/m ³
Hydrochloric Acid	TWA	NL	NL
	STEL	NL	NL

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield

SKIN: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

PROTECTIVE CLOTHING: Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Typical

ODOR THRESHOLD: No data available

APPEARANCE: Colored Liquid

pH: < 1

FLASH POINT AND METHOD: NA = Not Applicable

FLAMMABLE LIMITS: No data available

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY: No data available

BOILING POINT: No data available

THERMAL DECOMPOSITION: No data available

SOLUBILITY IN WATER: Completely soluble

EVAPORATION RATE: Similar to water

SPECIFIC GRAVITY: 1

VISCOSITY: No data available

10. STABILITY AND REACTIVITY

STABLE: Yes

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: No data available

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Attacks many metals producing extremely flammable hydrogen gas which can form explosive

mixtures with air.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Eye Damage/Irritation

SKIN EFFECTS: Skin Damage/Irritation

SENSITIZATION: No data available

REPRODUCTIVE EFFECTS: No data available

TERATOGENIC EFFECTS: No data available

MUTAGENICITY: No data available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This material has not been tested for acute environmental effects.

ECOTOXICOLOGICAL INFORMATION: No data available

BIOACCUMULATION/ACCUMULATION: No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: This material, as supplied, is not a hazardous waste according to federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixing with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid N.O.S.

TECHNICAL NAME: (Contains; Hydrochloric Acid)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1760

PACKING GROUP: II

OTHER SHIPPING INFORMATION: All products offered for domestic ground transportation that meet the following Exceptions for Class 8 (corrosive materials) will be packaged and shipped as "Limited Qty".

(1) For corrosive materials in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For corrosive materials in Packing Group III, inner packagings not over 5.0 L (1.3 gallon) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** Yes **ACUTE:** Yes **CHRONIC:** No

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
Hydrochloric Acid	< 15	7647-01-0

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Hydrochloric Acid	< 15	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Hydrochloric Acid	7647-01-0

CLEAN AIR ACT

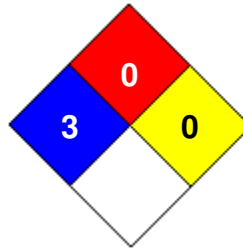
Chemical Name	Wt.%	CAS
Hydrochloric Acid	< 15	7647-01-0

16. OTHER INFORMATION

PREPARED BY: KH Date Prepared: 5/22/2015

HMIS RATING

HEALTH	*	3
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		C

NFPA CODES

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