



## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: ULTRA 1.1

PRODUCT CODE: UL 1732

PRODUCT PURPOSE: Cleaner/Degreaser

#### COMPANY INFORMATION:

U.S. Headquarters  
Ultrasonic LLC  
1200 Ferris Rd.  
Amelia, Ohio 45102

#### CONTACT INFORMATION:

800-424-9300 For Emergencies-Chemtrec  
513-502-9746 For Technical Information

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**DANGER:** CORROSIVE. MAY CAUSES BURNS TO THE RESPIRATORY TRACT, SKIN, EYES. MAY CAUSES PERMANENT EYE DAMAGE. EFFECTS OF CONTACT MAY BE DELAYED. HARMFUL IF SWALLOWED.

Mixing with acid or incompatible materials may cause splattering and release of heat.

Do not get in eyes, on skin or on clothing. Do not breathe vapor or mist. Keep container tightly closed.

Wash thoroughly after handling Use only with adequate ventilation.

#### POTENTIAL HEALTH EFFECTS

**Eye:** Destructive to eye tissue on contact. Causes severe burns that can result in blindness. Eye damage may be delayed.

**Skin:** May cause skin irritation and with longer exposure severe burns.

**Inhalation:** May cause severe irritation of the respiratory tract.

**Ingestion:** May cause severe burns of mouth, throat, esophagus and stomach. Severe scarring of tissue may result. Damage may appear days after exposure.

**Chronic Effects:** Prolonged or repeated skin contact can cause dermatitis.

**Medical Conditions Aggravated by Exposure:** Respiratory system (including asthma and other breathing disorders).

Read the entire SDS for a more thorough understanding of the hazards.



GHS SIGNAL WORD

**DANGER**

#### GHS - Hazard Statement for Health Hazards

H303 May be harmful if swallowed

H314 Causes severe skin and eye damage

H335 May cause respiratory irritation

### GHS - Statement for physical Hazards

H290 May be corrosive to metals

### GHS - Precautionary Statement(s) - Prevention

- P264 - Wash skin and contaminated clothing thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P234 - Keep only in original container
- P280 - Wear protective gloves, protective clothing, eye and face protection
- P260 - Do not breathe mist, vapours, or spray

### GHS Precautionary Statement(s) - 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
- P301 + P330 + P331 - IF SWALLOWED: Rinse Mouth. DO NOT induce vomiting
- P303 + P361 + P353 - IF ON SKIN (or hair) Remove/take off immediately all contaminated clothing. Rinse skin with water/shower
- P363 - Wash contaminated clothing before reuse
- P304 + P340 IF INHALED: Remove victim to fresh air and keep as rest in a position comfortable for breathing
- P321 - Specific treatment (see First Aid information on product label and/or Section 4 of the SDS)
- P330 - Rinse mouth if ingested
- P390 - Absorb spillage to prevent material damage

### GHS Precautionary Statement(s) - Storage

- P405 - Store in a secure manner
- P406 Store in a corrosive resistant container with a resistant inner liner

### GHS Precautionary Statement(s) - Disposal

P501 - Dispose of contents/containers in accordance with applicable local, regional, national, and/or international regulations

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT(S)          | CAS NUMBER | WEIGHT % |
|------------------------|------------|----------|
| Ethanolamine           | 141-43-5   | 5 - 10   |
| Nonylphenol Ethoxylate | 9016-45-9  | 1 - 5    |
| Terpene Hydrocarbon    | 5989-27-5  | 0.1 - 1  |

## 4. FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids.

Washing eyes within several seconds is essential to achieve maximum effectiveness.

After 15 minutes, check for and remove any contact lenses. Continue to rinse for at least 15 minutes.

**SKIN CONTACT:** Wash with plenty of water. Remove contaminated clothing and shoes.

Continue to rinse for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**INHALATION:** Remove from exposure and move to fresh air immediately and keep in a position comfortable for breathing. If breathing is difficult, give oxygen. Do NOT use mouth to mouth resuscitation. If breathing has ceased, apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**INGESTION:** Do NOT induce vomiting. If victim is conscious and alert, wash out mouth with water then give large amounts of water. If vomiting occurs spontaneously keep airway clean. Never give anything by mouth to an unconscious person.

## 5. FIRE-FIGHTING MEASURES

**GENERAL INFORMATION:** As in any fire, wear a self contained breathing apparatus in pressure-demand, MSHA / NIOSH (Approved or equivalent), and full protective gear. Non-combustible. Substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Use water spray to cool fire exposed containers. Do NOT use straight streams of water.

## 6. ACCIDENTAL RELEASE MEASURES

**In Case Of Spill Or Other Release:** Remove source of ignition. Ventilate area. Use appropriate personal protective equipment as indicated in Section 8 of the SDS when risk assessment indicates this to be necessary. Dike or sandbag to prevent spreading. Use non-sparking tools and equipment. Absorb releases with material such as sand or vermiculite. Sweep or shovel spilled material into suitable containers. Dispose of in accordance with all local, state, and federal requirements. Do not allow product or residue to enter waterway or any source of drinking water.

## 7. HANDLING AND STORAGE

**Handling:** Use appropriate personal protective equipment (see Section 8). Eating, drinking and smoking must be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in original container. Store away from heat, sparks, open flame or any other ignition source. Do not reuse container.

**Storage:** Store in accordance with local regulations. Store in segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials and acids. Keep container tightly closed and sealed until ready for use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower (ANSI Z 358.1). Use adequate general or local explosion-proof ventilation to keep airborne levels of vapor or mist to acceptable levels.

| Component | CAS Number | ACGIH TWA | ACGIH STEL | ACGIH Ceiling | OSHA FINAL PEL TWA | IDLH |
|-----------|------------|-----------|------------|---------------|--------------------|------|
|           |            | ....      | ....       |               | ....               | .... |

### PERSONAL PROTECTIVE EQUIPMENT

**Eye Protection:** Wear chemical splash goggles that meet the requirements of 29 CFR 1910.133 or European Standard EN 166. Use a face shield when appropriate.

**Skin:** Wear appropriate protective gloves to prevent skin exposure (29 CFR 1910.138 or EN 374).

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                             |             |
|-----------------------------|-------------|
| Physical State:             | Liquid      |
| Appearance:                 | Clear       |
| Color:                      | Blue        |
| Odor:                       | Citrus      |
| Boiling Point/Range:        | 212°F       |
| Freezing Point/Range:       | 32°F        |
| Flash Point:                | None        |
| Phosphorous Content as %P:  | No Data     |
| Vapor Pressure:             | No Data     |
| Vapor Density (air=1):      | No Data     |
| V.O.C.                      | No Data     |
| Specific Gravity (water=1): | 1.05 - 1.07 |
| Water Solubility:           | Soluble     |
| pH:                         | 13.0 - 13.5 |
| Volatility:                 | No Data     |
| Evaporation Rate:           | No Data     |

## 10. STABILITY AND REACTIVITY

**Reactivity/ Stability:** Stable at normal temperatures and pressures.

**Conditions to Avoid:** Mixing with water, acids or incompatible materials may cause splattering and release of large amounts of heat.

**Incompatibilities/ Materials to avoid :** Acids, Strong Oxidizing Agents, Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive materials or alloys.

**Hazardous Decomposition Products:** Toxic fumes of sodium oxide, potassium oxide, carbon dioxide.

**Hazardous Polymerization:** Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

No data available for this product.

### CARCINOGENICITY:

| Product/Ingredient | ACGIH | IARC | NTP  |
|--------------------|-------|------|------|
| ....               | ....  | .... | .... |

## 12. ECOLOGICAL INFORMATION

No Data Available For Product

## 13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.

U.S. EPA guidelines for the classification are listed in 40 CFR 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. TRANSPORTATION INFORMATION

U.S. Bill of Lading Description: UN2491, Ethanolamine, 8, III

## 15. REGULATORY INFORMATION

**INTERNATIONAL INVENTORIES:** All components of this product are listed on the following inventories:

U.S.A. (TSCA), Canada (DSL).

### U.S. REGULATIONS

#### STATE RIGHT TO KNOW (RTK)

| INGREDIENT(S) | CAS#     | MA | NJ | PA | RI |
|---------------|----------|----|----|----|----|
| Ethanolamine  | 141-43-5 | X  |    | X  |    |
|               |          |    |    |    |    |

#### CERCLA/SARA 302/304

| INGREDIENT(S) | CAS# | WEIGHT% | CERCLA/<br>SARA RQ (lbs.) | Section 302<br>TPQ (lbs.) |
|---------------|------|---------|---------------------------|---------------------------|
|               |      |         |                           |                           |

#### SARA 311/312 Hazard Categories

Immediate: Yes  
Delayed: No  
Fire: No  
Reactivity: No  
Sudden Release of Pressure: No

#### SARA 313

NONE

**Clean Air Act:** This material does not contain any hazardous air pollutants.

#### Clean Water Act:

| COMPONENT(S) | HAZARDOUS<br>SUBSTANCE | REPORTABLE<br>QUANTITIES | TOXIC<br>POLLUTANTS | PRIORITY<br>POLLUTANTS |
|--------------|------------------------|--------------------------|---------------------|------------------------|
|              |                        |                          |                     |                        |

### EUROPEAN/INTERNATIONAL REGULATIONS

#### European Labeling in Accordance with EC Directives

**Hazard Symbols:** C  
**Risk Phrases:** R 22 Harmful if swallowed.  
R 35 Causes severe burns.

#### Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

WHMIS (Canada)

Class E: Corrosive Material



**16. OTHER INFORMATION**

**Hazardous Material Information System (U.S.A.)**      Health:            2      Flammability:      0      Physical Hazard      0

**National Fire Protection Association (U.S.A.)**      Health:            2      Flammability:      0      Reactivity            0

**HMIS and NFPA use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.**

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