



SAFETY DATA SHEET

1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: ULTRA 1 PLUS

PRODUCT CODE: SP 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.

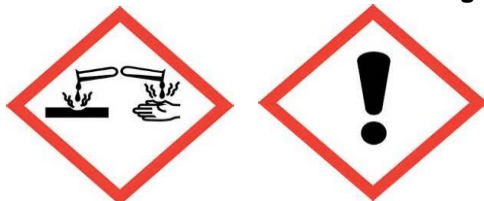
Inhalation: May cause severe irritation of the respiratory tract.

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):	1.01 - 1.03
Water Solubility:	Soluble
pH:	12 - 12.5
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
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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/ SARA RQ (lbs.)	Section 302 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 SUBSTANCE	REPORTABLE QUANTITIES	TOXIC POLLUTANTS	PRIORITY 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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