

Revision Date 21-May-2025
Version 1.1

1. IDENTIFICATION

Product identifier

Product Name Ultra HTS Part B

Other means of identification

Part Number(s) 240001, 240002

Recommended use of the chemical and restrictions on use

Recommended use Protective floor coating; for professional use only

Uses advised against Not intended for consumer use

Details of the supplier of the safety data sheet

Manufacturer Address

Ultra Durable Technologies
355 6th Ave N
Waite Park, MN 56387
320-258-2266
UltradT.com

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Serious eye damage/eye irritation

Category 1

GHS Label elements, including precautionary statements



Signal Word Danger

Hazard statements

Causes serious eye damage.

Precautionary Statements – Prevention

Wear eye and face protection.

Precautionary Statements – Response

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical help.

Precautionary Statements – Storage

Precautionary Statements – Disposal

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS Number	Weight %
Propylene carbonate	108-32-7	30 - 60
Modified Oxazolidine	145899-78-1	5 - 10

Trade Secret Statement (OSHA 1910.1200(i)) Specific chemical identities and concentrations for one or more listed chemicals are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

4. FIRST AID MEASURES**Description of First Aid Measures****Eye contact**

Immediately rinse eyes thoroughly with running water for at least 15 minutes, liftin gupper and lower eyelids as able and keeping eyes wide open. Remove contact lenses if present and easy to do. Continue rinsing. Immediately seek medical attention.

Skin Contact

Immediately flush skin with plenty of water for at least 15 minutes. Remove all contaminated clothing and shoes and wash skin with plenty of soap and water. Immediate medical attention is not necessary; however, seek medical attention is irritation persists or rash develops.

Inhalation

If vapors are inhaled., immediately remove victim to fresh air. Keep comfortable for breathing. If symptoms persist (shortness of breath, dizziness), call a physician. Immediate medical attention is not required.

Ingestion

If product is swallowed, rinse mouth thoroughly and drink plenty of water afterwards. Call physician or poison control center for most current information. If professional advice is not available, do NOT induce vomiting. Never give anything by mouth to someone who is unconscious, having convulsions, or cannot swallow. Seek medical attention. Take a copy of the label and/or SDS with the victim to the health professional.

Most important symptoms and effects, both acute and delayed

Product causes severe eye irritation that can lead to permanent damage to cornea with loss of vision in extreme exposure conditions.

Immediate medical attention and special treatment if necessary

Flush eyes with running water for at least 15 minutes. Keep eyes wide open and remove contact lenses while flushing. Immediately remove any contaminated clothing and flush exposed skin with water. Wash with soap and water after.

Special Instructions for Physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Foam. Halon. Carbon dioxide. Dry chemical. Class "C" Extinguishers. Water.

Unsuitable extinguishing media

No information available.

Specific hazards arising from the chemical

No information available.

Protective equipment and precautions for firefighters

Evacuate area. Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep containers cool by spraying with water if exposed to fire. Dispose of fire debris and contaminated extinguishing media in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas. Avoid breathing mists, vapors, and sprays.

Evacuate area. Keep away from and upwind of spill/leak. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid contact with eyes and skin.

Environmental precautions

Avoid release to the environment. Do not allow product to enter drains, sewers, public water, surface water, or groundwater. If contact is made, notify authorities.

Methods and material for containment and cleaning up

Use personal protective equipment as required. Stop flow of material if able to do so safely. Contain discharged material. Absorb spill using absorbent, non-combustible material such as earth, sand, or vermiculite. Take up mechanically to an appropriate disposal container. Dispose of in accordance with local, state, and federal regulations. Scrub residues with detergent mix. Let stand 10 minutes and allow to air dry.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate personal protective equipment – gloves, safety glasses, appropriate clothing. Wash hands thoroughly after use. Practice good industrial hygiene when using product. Ensure good ventilation of the workspace or use local exhaust ventilation. Maintain the minimum amount of material necessary to lower exposures.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store in a cool, dry place away from direct sunlight. Store locked up in a well-ventilated place. Keep container tightly closed when not in use.

Incompatible materials

No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

The use of local exhaust ventilation is recommended. Eyewash stations are required; chemical showers are recommended.

Exposure Guidelines

Chemical Name	OSHA TWA	ACGIH TLV	NIOSH IDLH
Propylene carbonate	Not established	Not established	Not established
Modified Oxazolidine	10 ppm, 8 Hours	Not established	Not established

Individual protection measures, such as personal protective equipment

Eye/Face Protection Protective eyewear (tight sealing chemical goggles). Face shield if splash hazard exists

Skin and Body Protection Gloves. Protective clothing.

Respiratory Protection If adequate ventilation is not available, wear appropriate respirator for specific circumstances and with exposure guidelines in mind. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practices. Regular cleaning of equipment, work area, and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Pale Yellow
Odor	Mild
Melting point	No information
Boiling point	No information
Flammability	Not applicable
Upper flammability limit	No information
Lower flammability limit	No information
Flash point	135°C/ 275°F
Autoignition Temperature	No information

Decomposition temperature	No information
pH	No information
Dynamic Viscosity	No information
Kinematic Viscosity	No information
Solubility	No information
Partition coefficient n-octanol/water (Log Pow)	No information
Vapor pressure	No information
Density	9.54 lbs/gal
Relative Density	No information
Percent Solids (by weight)	59.1%
VOC (lbs/gal)	0

10. STABILITY AND REACTIVITY

Reactivity

This product is non-reactive under normal conditions of use, storage, and transport.

Chemical stability

Stable under normal conditions.

Hazardous reactions

None under normal conditions of use.

Conditions to avoid

Extremes of temperature.

Direct sunlight.

Incompatible materials

No information available.

Hazardous decomposition products

Thermal decomposition products include oxides of carbon and possible harmful vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Inhalation of mists, vapors, or spray
Eye Contact	Liquid material splash or mists, vapors, or spray
Skin Contact	Liquid material splash
Ingestion	Liquid material

Symptoms related to the physical, chemical, and toxicological characteristics

Serious eye burns leading to damage to cornea and possible loss of vision.

Delayed and immediate effects and also chronic effects from short- and long-term exposure

No information available

Numerical Values of Toxicity – Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene carbonate	29,000 mg/kg (Rat)	> 3,000 mg/kg (Rabbit)	--
Modified Oxazolidine	> 2,000 mg/kg (Rat)	--	--

Skin Corrosion/Irritation

Not classified

Serious Eye Damage/Irritation

Serious eye burns/damage leading to damage to cornea and possible loss of vision

Respiratory or Skin Sensitization

Not classified

Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
STOT – Single Exposure	Not classified
STOT – Repeated Exposure	Not classified
Aspiration Hazard	Not classified

Numerical Values of Toxicity – Product Information

The following data has been calculated using Chapter 3 of the GHS document

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ultra HTS Part B	7,668 mg/kg	3,002 mg/kg\	--

Acute Toxicity (oral)	Not classified
Acute Toxicity (dermal)	Not classified
Acute Toxicity (inhalation)	Not classified

Interactive effects

No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not considered harmful to aquatic organisms with long lasting adverse effects on the environment.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Propylene Carbonate	LC ₅₀ = 500 mg/L (Desmodesmus subspicatus, 72h)	LC 50 = 1,000 mg/L (Cyprinus carpio, 96h)	EC50 = 500mg/L (Daphnia magna, 48h)
Modified Oxazolidine	LC ₅₀ = 21 mg/L (72h)	LC50 = 87.5 mg/L (96h)	EC ₅₀ = > 100 mg/L (48h)

10.98% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ultra HTS Part B	521 mg/L	1,087 mg/L	601 mg/L

Persistence and Degradability

No information available

Bioaccumulation Potential

Chemical name	Partition coefficient
Propylene carbonate	0.48
Modified Oxazolidine	--

Assessment

Significant accumulation not expected

Mobility in Soil

No information available

Other adverse effects**Elimination information**

No information available

Water hydrolysis

No information available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Do not discharge product into sewer system.

Contaminated Packaging

Do not reuse container

14. TRANSPORT INFORMATION

UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class(es)	
DOT	Not applicable
IOMDG	Not applicable
IATA	Not applicable
Packing Group	
DOT	Not applicable
IMDG	Not applicable
IATA	Not applicable
Environmental Hazards	None
Special Instructions for User	None

NOTE Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100-177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

15. REGULATORY INFORMATION

Chemical Inventories

TSCA

All components of this product are listed on the TSCA Inventory or are exempted from listing

US Federal Regulations

SARA 313

Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations. Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No
Carcinogenicity	No
Respiratory or Skin Sensitization	No
Germ Cell Mutagenicity	No
Serious Eye Damage/Irritation	Yes

US State Regulations

California Proposition 65 – This product contains does not contain substances believed by the State of California to cause cancer, developmental, and/or reproductive harm.

State Right to Know – Massachusetts, New Jersey, Pennsylvania

NFPA Hazard codes

Health	1
Fire	0
Reactivity	0

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Revision Date

21-May-2025

Revision Note

General formatting updates; Updated sections 1, 2, 4, 8, 9, 11, and 12.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

End of Safety Data Sheet