

Revision Date 6-June-2025  
Version 1.0

## 1. IDENTIFICATION

**Product identifier**

**Product Name** UltraSpartic 85-EXT Low Odor Part A

**Other means of identification**

**Part Number(s)** 233212, 233222, 233235

**Recommended use of the chemical and restrictions on use**

**Recommended use** Floor protective 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 6<sup>th</sup> Ave. North  
Waite Park, MN 56387  
320-258-2266  
[UltradT.com](http://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 2
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B

**GHS Label elements, including precautionary statements**



**Signal Word**      **Danger**

**Hazard statements**

May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause genetic defects.  
May cause cancer

**Precautionary Statements - Prevention:**

Obtain, read, and follow all special instructions before use.  
 Avoid breathing fumes, gas, mist, vapors, or spray.  
 Wash hands, forearms, and face thoroughly after handling.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Wear protective gloves and clothing, eye protection, and face protection.

**Precautionary Statements - Response:**

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs, get medical help.  
 Take off and wash contaminated clothing before reuse.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists, get medical help.  
 If exposed or concerned: Get medical advice/attention.

**Precautionary Statement - Storage:**

Store locked up.

**Precautionary Statements - Disposal:**

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Aspartic acid, N,N'-(methylenebis(2-methyl-4,1-cyclohexanediy))bis-, tetraethyl ester	136210-32-7	45 - 70
DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexandediy))bis-, tetraethyl ester	136210-30-5	30 - 60
Isophoronediamine-isobutyraldimine	Trade Secret	1 - 5
Solvent naphtha, petroleum, heavy alkylate	Trade Secret	0.5 - 1.5
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	Trade Secret	0.1 - 1

**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**

Rinse eyes thoroughly with water for at least 15 minutes, lifting upper and lower eyelids as able. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if eye irritation persists.

**Skin Contact**

Wash skin thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse or discard. Seek medical attention if irritation or rash develop.

**Inhalation**

Remove victim to fresh air and keep comfortable for breathing. If necessary, use artificial respiration to support vital functions.

**Ingestion**

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. 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**

May cause an allergic skin reaction or eye irritation. Pre-existing skin conditions may be aggravated.

**Immediate medical attention and special treatment, if necessary**

No information available

**Special Instructions for Physicians**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Dry powder. Foam. Carbon dioxide.

### Unsuitable extinguishing media

No information available

### Specific hazards arising from the chemical

Hazardous decomposition products include toxic fumes and oxides of carbon.

### Protective equipment and precautions for fire-fighters

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 water in accordance with official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene.

Avoid breathing fumes, gases, mist, vapors, or spray.

No open flames, no sparks, and no smoking.

### 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 up residues with detergent-water mix 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 workstation. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Avoid contact with skin and eyes. Avoid breathing fumes, gas, mist, vapor, and spray.

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

Contaminated clothing should not be allowed out of the workplace. Wash before reuse or discard.

### Conditions for safe storage, including any incompatibilities

#### **Storage conditions**

Store in a cool, dry, well-ventilated place. Store away from direct sunlight. Store locked up. 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, chemical showers recommended.

### Exposure Guidelines

Chemical Name	STEL	ACGIH TWA	OSHA TWA
DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl) bis-, tetraethyl ester	Not established	Not established	Not established

Aspartic acid, N,N'-[methylenebis(2-methyl-4,1-cyclohexanediy)] bis-, tetraethylester	Not established	Not established	Not established
Isophoronediamine-isobutryaldimine	Not established	Not established	Not established
Solvent naphtha, petroleum, heavy alkylate	Not established	Not established	Not established
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	Not established	Not established	Not established
2,6-dimethylheptan-4-one	Not established	25 ppm	50 ppm
Cumeme	Not established	50 ppm	50 ppm

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Protective eyewear (chemical goggles). Face shield if splash hazard exists.
<b>Skin and Body Protection</b>	Gloves. Protective clothing.
<b>Respiratory Protection</b>	If adequate ventilation is not available, wear appropriate respirator for specific circumstances and with exposure guidelines in mind.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid
<b>Color</b>	Clear, Colorless to light yellow
<b>Odor</b>	Mild
<b>Melting point</b>	No information
<b>Boiling point</b>	No information
<b>Flammability</b>	Not applicable
<b>Upper flammability limit</b>	No information
<b>Lower flammability limit</b>	No information
<b>Flash point</b>	>93.3°C/ >200°F
<b>Autoignition Temperature</b>	No information
<b>Decomposition temperature</b>	No information
<b>pH</b>	< 10
<b>Dynamic Viscosity</b>	500 cP
<b>Kinematic Viscosity</b>	479.621 mm <sup>2</sup> /s
<b>Solubility</b>	No information
<b>Partition coefficient n-octanol/water (Log Pow)</b>	No information
<b>Vapor pressure</b>	No information
<b>Density</b>	8.7 lbs/gal
<b>Relative Density</b>	1.04

## 10. STABILITY AND REACTIVITY

**Reactivity**

The 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**

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**Incompatible materials**

No additional 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

<b>Inhalation</b>	Inhalation of gas/mist/vapor
<b>Eye Contact</b>	Liquid material splash or gas/vapor/mist
<b>Skin Contact</b>	Liquid material splash
<b>Ingestion</b>	Liquid material

### Symptoms related to physical, chemical, and toxicological characteristics

No information available

### Delayed and immediate effects, including chronic effects from short- and long-term exposure

No information available

### Numerical Values of Toxicity – Component Information

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Aspartic acid, N,N'-(methylenebis(2-methyl-4,1-cyclohexanediy))bis-, tetraethyl ester	--	--	--
DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexandediy))bis-, tetraethyl ester	--	--	--
Isophoronediamine-isobutyraldimine	--	>5,000 mg/kg (Rat)	--
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	2615 mg/kg (Rat)	--	--
Solvent naphtha, petroleum, heavy alkylate	34,600 mg/kg (Rat)	15,400 mg/kg (Rabbit)	> 3,684 mg/L (Rat, 4h)

<b>Skin Corrosion/Irritation</b>	Not classified
<b>Serious Eye Damage/Irritation</b>	May cause eye irritation
<b>Respiratory or Skin Sensitization</b>	May cause skin irritation/rash leading to allergic skin reaction
<b>Germ Cell Mutagenicity</b>	Product contains one or more ingredients suspected of causing genetic defects
<b>Carcinogenicity</b>	Product contains one or more ingredients suspected of causing cancer
<b>Reproductive Toxicity</b>	Not classified
<b>STOT – Single Exposure</b>	Not classified
<b>STOT – Repeated Exposure</b>	Not classified
<b>Aspiration Hazard</b>	Not classified

### Numerical Values of Toxicity – Product Information

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

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
US85-EXT Low Odor Part A	58,718 mg/kg	2,905 mg/kg	4,500 mg/L

<b>Acute Toxicity (oral)</b>	Not classified
<b>Acute Toxicity (dermal)</b>	Not classified
<b>Acute Toxicity (inhalation)</b>	Not classified

### Interactive effects

Pre-existing skin conditions may be aggravated. Repeated exposure may cause an allergic skin reaction or sensitivity.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

This product is not considered harmful to aquatic organisms or to cause long-term adverse effects on the environment.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Aspartic acid, N,N'-(methylenebis(2-methyl-4,1-cyclohexanediy))bis-, tetraethyl ester	--	--	--
DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediy))bis-, tetraethyl ester	--	--	--
Isophoronediamine-isobutyraldimine	--	LC <sub>50</sub> > 100 mg/L (Danio rerio, static, 96h)	--
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	--	LC <sub>50</sub> = 0.97 mg/L (Iepornis macrochirus, static, 96h)	--
Solvent naphtha, petroleum, heavy alkylate	--	--	--

Chemical Name	Algae/aquatic plants	Fish	Crustacea
UltraSpartic 85-EXT Low Odor Part A	--	--	--

**Persistence and Degradability**

No information available

**Bioaccumulation potential**

Chemical Name	Partition Coefficient n-octanol/water (Log P <sub>ow</sub> )
Aspartic acid, N,N'-(methylenebis(2-methyl-4,1-cyclohexanediy))bis-, tetraethyl ester	Not established
DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediy))bis-, tetraethyl ester	Not established
Isophoronediamine-isobutyraldimine	5.2
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	0.37
Solvent naphtha, petroleum, heavy alkylate	Not established

**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 of contents and container 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

<b>UN Number</b>	Not applicable
<b>UN Proper Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	
<b>DOT</b>	Not applicable
<b>IMDG</b>	Not applicable
<b>IATA</b>	Not applicable
<b>Packing Group</b>	
<b>DOT</b>	Not applicable
<b>IMDG</b>	Not applicable
<b>IATA</b>	Not applicable
<b>Environmental Hazards</b>	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 contains 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**

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

**US State Regulations**

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

**International Regulations**

<b>TECI</b>	DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, tetraethyl ester
<b>(Thailand Existing Chemicals Inventory)</b>	Aspartic acid, N,N'-[methylenebis(2-methyl-4,1-cyclohexanediyl)]bis-, tetraethyl ester
	Solvent naphtha, petroleum, light aromatic

State Right to Know – Massachusetts, New Jersey, Pennsylvania

**NFPA Hazard codes**

<b>Health</b>	<b>1</b>
<b>Fire</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>

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

Preparation Date 6-June-2025

Revision Date

Revision Note

**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