



# Ultra541

## SAFETY DATA SHEET

According to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication.

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### **SECTION 1: Identification of the substance/mixture and of the company/undertaking.**

#### 1.1 Product Identifier

Product Name: **Ultra541**

Type of Product: Mixture

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against.

Identified uses: Processing aid for industrial applications

Uses advised against: None

#### 1.3 Details of the supplier of the safety data sheet

Company: Ultra Blend Solutions L.L.C.  
373 Liberty Ln.  
Grand Cane, LA 71032

Telephone: 713-865-6172

E-mail Address: info@ultrablendsolutions.com

#### 1.4 Emergency telephone number

24 hour emergency number: 800-424-9300 CHEMTREC (CCN 20412)

Outside U.S. 703-527-3887

### **SECTION 2: Hazards Information**

#### 2.1 Classification of the substance or mixture

Classification according to paragraph (d) of 29 CFR 1910.1200.

Not classified.

#### 2.2 Label elements

Labelling according to paragraph (f) of 29 CFR 1910.1200:

Hazard Symbol(s):	None
Signal Word:	None
Hazard Statement(s):	None
Precautionary Statement(s):	None

## 2.3. Other hazards:

Spills produce extremely slippery surfaces.

**SECTION 3: Composition/information on ingredients**

## 3.1. Substances

Not applicable, this product is a mixture.

## 3.2. Mixtures

Hazardous Components

*Distillates (petroleum), hydrotreated light*

Concentration/-range	20-30%
CAS Number:	64742-47-8
Classification according to paragraph (d) of 29 CFR 1910.1200:	Asp. Tox. 1; H304

Notes: Does not result in classification of the mixture if the kinematic viscosity is greater than 20 mm<sup>2</sup>/s measured at 40°.

*Poly(oxy-1,2-ethanediyl),  $\alpha$ -tridecyl-w-hydroxy-, branched*

Concentration/-range:	<5%
CAS Number:	69011-36-5
Classification according to paragraph (d) of 29 CFR 1910.1200:	Acute Tox. 4; H302, Eye Dam. 1; H318

For explanation of abbreviations see section 16.

**SECTION 4: First Aid Measures**

## 4.1 Description of First Aid Measures

## Inhalation:

Move to fresh air. No hazards which require special first aid measures.

## Skin contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.

**Eye contact:**

Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Alternatively, rinse immediately with Diphoterine®. Get prompt medical attention.

**Ingestion:**

Rinse mouth with water. Do NOT induce vomiting. Call a physician or poison control immediately.

4.2. *Most important symptoms and effects, both acute and delayed.*

None under normal use.

4.3 *Indication of any immediate medical attention and special treatment needed.*

None reasonably foreseeable.

**Other information:**

Aqueous solutions or powders that become wet render surfaces extremely slippery.

**SECTION 5: Fire-fighting measures****5.1. *Extinguishing media*****Suitable extinguishing media:**

Water. Water Spray, Foam. Carbon dioxide (CO<sub>2</sub>). Dry powder.

Warning! Spills produce extremely slippery surfaces.

**Unsuitable extinguishing media:**

None.

**5.2. *Special hazards arising from the substance or mixture*****Hazard decomposition products:**

Carbon oxides (CO<sub>x</sub>), Nitrogen oxides (NO<sub>x</sub>), Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

**5.3. *Advice for fire-fighters*****Protective measures:**

Wear self-contained breathing apparatus and protective suit.

**Other information:**

Spills produce extremely slippery surfaces.

**SECTION 6: Accidental release measures****6.1. *Personal precautions, protective equipment and emergency procedures******Personal precautions:***

Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

*Protective equipment:*

Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

*Emergency procedures:*

Keep people away from spill/leak. Prevent further leakage or spillage if safe to do so.

## 6.2. Environmental precautions

As with all chemicals products, do not flush into surface water.

## 6.3. Methods and material for containment and cleaning up

## Small spills:

Do not flush with water. Soak up with absorbent material. Sweep up and shovel into suitable containers for disposal.

## Large spills:

Do not flush with water. Dam up. Clean up promptly by scoop or vacuum.

## Residues:

After cleaning, flush away with large quantities of water.

## 6.4. Reference to other sections

SECTION 7: Handling and storage; SECTION 8: Exposure controls/personal protection; SECTION 13: Disposal considerations;

**SECTION 7: Handling and Storage**

## 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. When using, do not eat, drink, or smoke.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material. Incompatible with oxidizing agents.

## 7.3. Specific end use(s).

This information is not available.

**SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

## Occupational exposure limits:

*Distillates (petroleum), hydrotreated light*

ACGIH: 200 mg/m<sup>3</sup> (8 hours)

## 8.2. Exposure controls

Appropriate engineering controls:

Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of mists.

Individual protection measures, such as personal protective equipment:

- a) Eye/face protection:  
Safety glasses with side-shields.
- b) Skin protection:  
Hand protection: PVC or other plastic material gloves.  
Other: Wear coveralls and/or chemical apron and rubber footwear where physical contact can occur.
- c) Respiratory protection:  
No personal respiratory protective equipment normally required.
- d) Additional advice:  
Wash hands before breaks and at the end of the workday. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure controls:

Do not allow uncontrolled discharge of product into the environment.

**SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

- a. Appearance: Viscous liquid, milky
- b. Odour: Aliphatic
- c. Odour Threshold: No data available.
- d. pH: 5.5 – 8.5 @ 5 g/L
- e. Melting point/freezing point: < 5°C
- f. Initial boiling point and boiling range: > 100°C
- g. Flash point: Does not flash.
- h. Evaporation rate: No data available.
- i. Flammability (solid, gas): No data available.
- j. Upper/lower flammability or exposure limits: Not expected to create explosive atmospheres.
- k. Vapour pressure: 2.3 kPA @ 20°C
- l. Vapour density: 0.804 g/litre @ 20°C
- m. Relative density: 1.0 – 1.2
- n. Solubility(ies): Completely miscible.
- o. Partition coefficient: Not applicable.

- p. Autoignition temperature: No data available.
- q. Decomposition temperature: > 150°C
- r. Viscosity: >20.5 mm<sup>2</sup>/s @ 40°C
- s. Explosive properties: Not expected to be explosive based on chemical structure.
- t. Oxidizing properties: Not expected to be oxidizing based on the chemical structure.

## 9.2. Other information

None

**SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Stable under recommended storage conditions.

## 10.2. Chemical stability

Stable under recommended storage conditions.

## 10.3. Possibility of hazardous reactions

None Known.

## 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

## 10.5. Incompatible materials

Incompatible with oxidizing agents.

## 10.6. Hazardous decomposition products

Thermal decomposition may produce: nitrogen oxides (NO<sub>x</sub>), carbon oxides (CO<sub>x</sub>), Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

Information on the product as supplied:

- Acute oral toxicity: LD50/oral/rat > 5000 mg/kg (Estimated)
- Acute dermal toxicity: LD50/dermal/rat > 5000 mg/kg (Estimated)
- Acute inhalation toxicity: The product is not expected to be toxic by inhalation.
- Skin corrosion/irritation: Not irritating to skin.
- Serious eye damage/eye irritation: Not irritating. (OECD 437)
- Respiratory/skin/sensitization: Not sensitizing.

Mutagenicity:	Not mutagenic.
Carcinogenicity:	Not carcinogenic.
Reproductive toxicity:	Not toxic for reproduction.
STOT–single exposure:	No known effects.
STOT-repeated exposure:	No known effects.
Aspiration hazard:	Due to the viscosity, this product does not present an aspiration hazard.

Distillates (petroleum), hydrotreated light

Acute oral toxicity:	LD50/oral/rat > 5000 mg/kg (OECD 401)
Acute dermal toxicity:	LD50/dermal/rabbit > 5000 mg/kg (OECD 402)
Acute inhalation toxicity:	LC0/inhalation/4 hours/rat $\geq$ 4951 mg/m <sup>3</sup> (OECD 403) (Based on results obtained from tests on analogous products.)
Skin corrosion/irritation:	Not irritating. (OECD 404)  Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation:	Not irritating (OECD 405)
Respiratory/skin sensitization:	By analogy with similar products, this product is not expected to be sensitizing. (OECD 406)
Mutagenicity:	Not mutagenic. (OECD 471, 473, 474, 476, 478, 479)
Carcinogenicity:	Carcinogenicity study in rats (OECD 451): Negative.
Reproductive toxicity:	By analogy with similar substances, this substance is not expected to be toxic for reproduction. NOAEL/rat = 300 ppm (OECD 421)
STOT – Single Exposure:	No known effects.
STOT – Repeated exposure:	NOAEL/oral/rat/90 days $\geq$ 3000mg/kg/day (OECD 408) (Based on results obtained from tests on analogous products.)
Aspiration hazard:	May be fatal if swallowed and enters airways.

Poly(oxy-1,2-ethanediyl), a=tridecyl-w-hydroxy-, branched

Acute oral toxicity:	LD50/oral/rat = 500-2000 mg/kg
Acute dermal toxicity:	LD50/dermal/rabbit > 2000 mg/kg
Acute inhalation toxicity:	No data available.
Skin corrosion/irritation:	Not irritating. (OECD 404)
Serious eye damage/eye irritation:	Causes serious eye irritation. (OECD 405)
Respiratory/skin sensitization:	The results of testing on guinea pigs showed this material to be non-sensitizing.
Mutagenicity:	In vitro tests did not show mutagenic effects. In vivo tests did not show mutagenic effects.
Carcinogenicity:	Based on the absence of mutagenicity, it is unlikely that the substance is carcinogenic.
Reproductive toxicity:	Two generation Reproduction Toxicity (OECD 416) NOAEL/rat > 250 mg/kg/day Prenatal Developmental Toxicity Study (OECD 414) NOAEL/Material toxicity/rat > 50 mg/kg/day NOAEL/Developmental toxicity/rat > 50 mg/kg/day
STOT – Single Exposure:	No known effects.
STOT – Repeated exposure:	NOAEL/oral/rat/600 days = 50mg/kg/day
Aspiration hazard:	No known effects.

**SECTION 12: Ecological information**

## 12.1. Toxicity

Information on the product as supplied:

Acute toxicity to fish:	LC50/Oncorhynchus mykiss/96 hours > 100 mg/L (Estimated)
Acute toxicity to the invertebrates:	EC50/Daphnia magna/48 hours > 100 mg/L (Estimated)
Acute toxicity to algae:	IC50/Algae/72 hours > 100 mg/L (Estimated)
Chronic toxicity to fish:	No data available.
Chronic toxicity to invertebrates:	No data available.
Toxicity to microorganisms:	No data available.



Effects on terrestrial organisms: No data available.

Sediment toxicity: No data available.

Relevant information on the hazardous components:

Distillates (petroleum), hydrotreated light

Acute toxicity to fish: LC50/Oncorhynchus mykiss/96 hours > 1000 mg/L (OECD 203)

Acute toxicity to the invertebrates: EC0/Daphnia magna/48 hours > 1000 mg/L (OECD 202)

Acute toxicity to algae: IC0/Pseudokirchneriella subcapitata/72 hours > 1000 mg/L (OECD 201)

Chronic toxicity to fish: NOEC/Oncorhynchus mykiss/28 days > 1000 mg/L

Chronic toxicity to invertebrates: NOEC/Daphnia magna/21 days > 100 mg/L

Toxicity to microorganisms: EC50/Tetrahymena pyriformis/48h > 1000 mg/L.

Effects on terrestrial organisms: No data available.

Sediment toxicity: No data available. Readily biodegradable, exposure to sediment is unlikely.

Poly(oxy-1,2-ethanediyl),  $\alpha$ -tridecyl-w-hydroxy-, branched

Acute toxicity to fish: LC50/Cyprinus carpio/96 hours = 1-10 mg/L (OECD 203)

Acute toxicity to the invertebrates: EC0/Daphnia magna/48 hours =1-10 mg/L (OECD 202)

Acute toxicity to algae: IC0/Desmodesmus subspicatus /72 hours =1-10 mg/L (OECD 201)

Chronic toxicity to fish: No data available.

Chronic toxicity to invertebrates: NOEC/Daphnia magna/21 days > 1 mg/L (OECD 202)

Toxicity to microorganisms: EC10/activated sludge/17 hours > 10000 mg/L (DIN 38412-8)

Effects on terrestrial organisms: No data available.

Sediment toxicity: No data available.

12.2. Persistence and degradability

Information on the product as supplied:

Degradation: Not readily biodegradable.

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

Relevant information on the hazardous components:Distillates (petroleum), hydrotreated light

Degradation: Readily biodegradable. 67.6%/28 days (OECD 301 F); 68.8%/28 days (OECD 306); 61.2%/61 days (OECD 304 A)

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

Poly(oxy-1,2-ethanediyl),  $\alpha$ -tridecyl-w-hydroxy-, branched

Degradation: Readily biodegradable. > 60%/28 days (OECD 301 B)

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

## 12.3. Bioaccumulative potential

Information on the product as supplied:

This product is not expected bioaccumulate.

Partition co-efficient (Log Pow): Not applicable.

Bioconcentration factor (BCF): No data available.

Relevant information on the hazardous components:Distillates (petroleum), hydrotreated light

Partition co-efficient (Log Pow): 3 - 6

Bioconcentration factor (BCF): No data available.

Poly(oxy-1,2-ethanediyl),  $\alpha$ -tridecyl-w-hydroxy-, branched

Partition co-efficient (Log Pow): > 3

Bioconcentration factor (BCF): No data available.

## 12.4. Mobility in soil

Information on the product as supplied:

No data available.

Relevant information on the hazardous components:

Distillates (petroleum), hydrotreated light

Koc: No data available.

Poly(oxy-1,2-ethanediyl),  $\alpha$ -tridecyl-w-hydroxy-, branched

Koc: > 5000

12.5. Other adverse effects

None known.

### **SECTION 13: Disposal considerations**

13.1. Waste treatment methods

Waste from residues / unused products:

Dispose in accordance with local and national regulations.

Contaminated packaging:

Rinse empty containers with water and use the rinse-water to prepare the working solution. If recycling is not practicable, dispose of in compliance with local regulations. Can be landfilled or incinerated, when in compliance with local regulations.

Recycling:

The product and its packaging are not suitable for recycling.

### **SECTION 14: Transport information**

Land transport (DOT)

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

### **SECTION 15: Regulatory information**

15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture

Information for the product as supplied:

TSCA Chemical Substances Inventory:

All components of this product are either listed on the inventory or are exempt from listing.

US SARA Reporting Requirements:

SARA (Section 311/312) hazard class:  
Not concerned

SARA Title III Sections:

Section 302 (TPQ) – Reportable Quantity:  
Not concerned.

Section 304 – Reportable Quantity:  
Not concerned.

Section 313 (De minimis concentration)  
Not concerned.

Clean Water Act

Section 311 Hazardous Substances (40 CFR 117.3) – Reportable Quantity:  
Not concerned.

Clean Air Act

Section 112(r) Accidental release prevention requirements (40 CFR 68) – Reportable Quantity  
Not concerned.

CERCLA

Hazardous Substances List (40 CFR 302.4) – Reportable Quantity  
Not concerned.

RCRA status:

Nor RCRA hazardous.

California Proposition 65 Information:

WARNING!! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive har, Acrylamide.

**SECTION 16: Other Information**NFPA and HMIS Ratings:NFPA:

Health	0
Flammability	1
Instability	0

HMIS:

Health:	0
Flammability:	1
Physical Hazard:	0
PPE Code:	B

This data sheet contains changes from the previous version in section(s):

SECTION 6: Accidental release measures,  
SECTION 8: Exposure controls/personal protection,  
SECTION 15: Regulatory information,  
SECTION 16: Other information.

Key or legend to abbreviations and acronyms used in the safety data sheet:

Acronyms

STOT = Specific target organ toxicity

Abbreviations

Acute Tox. 4 = Acute Toxicity Category 4

Asp. Tox. 1 = Aspiration hazard Category Code 1

Eye Dam. 1 = Serious eye damage/eye irritation Category Code 1

Hazard Statements

H302 – Harmful if swallowed

H304 – May be fatal if swallowed and enters airways.

H318 – Causes serious eye damage.

Training advice:

Do not handle until all safety precautions have been read and understood.

This SDS was prepared in accordance with the following:

U.S. Code of Federal Regulations 29 CFR 1910-1200

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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.