

# SAFETY DATA SHEET

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**Product Name:** UDT Part A1 (4 Hour and 8 Hour)

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer/Distributor Name:** Ultra Durable Technologies, Inc.  
1415 5<sup>th</sup> St N  
St. Cloud, MN 56303  
1-800-722-2998 [www.ultrad.com](http://www.ultrad.com)

**Emergency Phone Numbers:** CHEMTREC within the United States 1-800-424-9300  
CHEMTREC within Canada +1-703-527-3887

**Product Name:** UDT Part A1 (4 Hour and 8 Hour)

## SECTION 2 – HAZARDS IDENTIFICATION

### Classifications:

Health: Category 4  
Flammability: Category 5  
Reactivity: Category 5  
Signal Words: Warning

### Hazard Statements:

H303: May be harmful if swallowed.  
H316: Causes mild skin irritation.  
H319: Causes eye irritation.  
H333: May be harmful if inhaled.

### Precautionary Statements:

#### Prevention:

P201: Obtain special instructions before use.  
P233: Keep container tightly closed.  
P262: Do not get in eyes, on skin, or on clothing.

#### Response:

P302: If on skin remove contaminated clothing and wash affected area with soap and water.  
P304: If inhaled remove affected person to fresh air, if symptoms persist seek medical attention.  
P305: If in eyes remove contact lenses and flush eyes with clear running water for 15 minutes while holding eyelids open.  
P331: If swallowed do not induce vomiting.  
P340: Remove person to fresh air and keep comfortable for breathing.  
P363: Wash contaminated clothing before reuse.

#### Storage:

P404: Keep container tightly closed.

#### Disposal:

P501: Dispose of contents/containers to an approved waste disposal plant.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

### EMERGENCY OVERVIEW

Polyol resin, amber liquid, contact may cause eye irritation and minor skin irritation. Ingestion may cause gastric distress. Will support combustion if involved in fire. Hazard symbol – none. Risk Phrases – not classified.

### POTENTIAL HEALTH EFFECTS

**INHALATION:** None expected, however, certain individuals may be sensitized and experience minor nausea or headaches. Inhalation of airborne mist could be damaging to the lungs.  
**SKIN:** None expected, however, prolonged contact may cause irritation.



**EYES:** Contact with the eyes will cause irritation.

**INGESTION:** May cause gastric distress, vomiting and diarrhea. Any material aspirated during vomiting may cause lung injury.

**CARCINOGENICITY:** NTP? No IARC Monographs? No OSHA Regulated? No

Hazardous Components	CAS#	% (by weight)	OSHA PEL	OSHA TWA	ACGIH TWA	ACGIH STEL
DI-n-butylbis(dodecylthio)tin	1185-81-5	<.5%	Not established	Not established	Not established	Not established

## SECTION 4 – FIRST AID MEASURES

**INHALATION:** Remove affected person to fresh air; if symptoms persist seek medical attention.

**SKIN:** Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists seek medical attention.

**EYES:** Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists seek medical attention.

**INGESTION:** Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.

## SECTION 5 – FIREFIGHTING MEASURES

**METHOD USED:** Not applicable

**FLAMMABLE LIMITS:** LFL: Not applicable UFL: Not applicable

**Auto-Ignition Temp:** Not determined **NFPA Class:** None

**GENERAL HAZARDS:** Product may be irritating to skin, eyes and respiratory tract. Products of combustion include compounds of carbon, hydrogen, nitrogen and oxygen, including carbon monoxide.

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, chemical foam.

**FIRE FIGHTING PROCEDURES:** Keep containers cool with water spray to prevent container rupture due to steam buildup.

Contact with material may cause irritation to skin, eyes and respiratory tract.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes, oxides of carbon and nitrogen

## SECTION 6 – ENVIRONMENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Shut off source of leak if safe to do so. Dike and contain product. Confine spill, soak up with clay, sand or other approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water.

## SECTION 7 – HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep containers closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** The use of local exhaust ventilation is recommended. No other special controls are indicated.

### PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** None required, however, if misting occurs, NIOSH approved respirator capable of removing particulate from air must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

**PROTECTIVE GLOVES:** Recommended for general protection.

**EYE PROTECTION:** Safety goggles with side shields

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Safety eyebath nearby

**WORK / HYGIENIC PRACTICES:** Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg):	17 mmHg @ 20° C
VAPOR DENSITY (AIR = 1):	> 1
SPECIFIC GRAVITY (WATER = 1):	1.080
EVAPORATION RATE (WATER = 1):	< 1
SOLUBILITY IN WATER:	Totally Miscible
FREEZING POINT:	Not determined
pH:	8.5
APPEARANCE AND ODOR:	Amber liquid, slightly sweet odor
BOILING POINT:	212° F (100° C)
PHYSICAL STATE:	Liquid
VISCOSITY:	Not specified
VOLATILE ORGANIC COMPOUNDS:	<10 grams / liter

## SECTION 10- STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: Extreme temperatures

INCOMPABILITY (MATERIALS TO AVOID): Can react vigorously with strong oxidizers, strong acids, mineral and organic bases, primary and secondary aliphatic amines.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, nitrogen, hydrocarbons, fumes and smoke may be produced.

HAZARDOUS POLYMERIZATION: May occur under abnormal conditions.

CONDITIONS TO AVOID: Hazardous polymerization may occur with excess of aliphatic amine curing agent.

## SECTION 11- TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient (Species and Route)	LC50 of Ingredient (Species and Route)
DI-n-butylbis(didecylthio)tin	1185-81-5	Not Established	Not Established	Not Established

## SECTION 12- ECOLOGICAL INFORMATION

No data available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

## SECTION 13-DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of in accordance with Local, State and Federal Regulations. Product is classified as non-hazardous; however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State or Federal Environmental Protection Agency before disposing of any chemicals.

## SECTION 14 -TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS / PACK GROUP: Not regulated

IATA HAZARD CLASS / PACK GROUP: Not regulated

REFERENCE: Not applicable

IMDG HAZARD CLASS: Not regulated

IDENTIFICATION NUMBER: None

RID/ADR DANGEROUS GOODS CODE: Not regulated

LABEL: None Required

CANADIAN TDG CLASS / DIVISION: Not regulated

HAZARD SYMBOLS: None

HAZARD IDENTIFICATION NUMBER (HIN): 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.

## SECTION 15- REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: None

313 Reportable Ingredients: None

CERCLA (Comprehensive Response Compensation and Liability Act) None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the

SDS contains all the information required by the Controlled Products Regulations. WHMIS

Classification: Not Controlled.

IDL (Canadian Ingredient Disclosure List): Components of this product identified by CAS number and listed on the Canadian Ingredients Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS number are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases: Not Classified

EC Safety Phrases: S24/25 Avoid contact with skin and eyes

SYMBOLS REQUIRED FOR LABEL: None

## SECTION 16 - OTHER INFORMATION

HMIS HAZARD RATINGS      0 = INSIGNIFICANT; 1 = SLIGHT; 2 = MODERATE; 3 = HIGH; 4 = EXTREME

HEALTH: 1

FLAMMABILITY: 0

PHYSICAL HAZARD: 0

PERSONAL PROTECTIVE EQUIPMENT: B (SAFETY GLASSES AND GLOVES)

REVISION Date: 01/25/2018

REVISIONS SUMMARY: Name change

This MSDS has been revised in the following sections: No changes noted. The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to Ultra Durable Technologies as described in Section 1.