

## SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

**CAS Number:** 9004-99-3  
**Product Name:** Ultracid E 400 F  
**Revision Date:** May 20, 2021 **Date Printed:** Jun 01, 2021  
**Version:** 1.0 **Supersedes Date:** N.A.  
**Manufacturer's Name:** Thames River Chemical Corp.  
**Address:** 5230 Harvester Road Burlington, ON, CA, L7L 4X4  
**Emergency Phone:** CHEMTREC (800) 424-9300  
**Information Phone Number:** 905-681-5353  
**Fax:** 905-681-5377  
**Product/Recommended Uses:** For laboratory or industrial use only.

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Not a hazardous substance or mixture according to GHS (Globally Harmonized System).

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Not a hazardous substance or mixture according to GHS (Globally Harmonized System).

### Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/national/international regulation. Waste management should be in full compliance with national, regional and local laws.

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0009004-99-3	Polyethylene glycol stearate	60 - 100%

## SECTION 4) FIRST-AID MEASURES

### Inhalation

Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration.

### Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
 If easy to do, remove contact lens, if worn.  
 Protect unharmed eye.  
 Keep eye wide open while rinsing.  
 If eye irritation persists, consult a specialist.

### Skin Contact

Wash with plenty of water. Remove and isolate contaminated clothing and shoes.

### Ingestion

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

### Most Important Symptoms and Effects, Both Acute and Delayed

No data available.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

Treat symptomatically

**SECTION 5) FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Foam, water fog, dry chemical, carbon dioxide.

**Unsuitable Extinguishing Media**

Use of water spray when fighting fire may be ineffective.

**Specific Hazards in Case of Fire**

Oxides of carbon.

Non-flammable.

**Fire-fighting Procedures**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6) ACCIDENTAL RELEASE MEASURES****Recommended Equipment**

Wear chemical protective clothing.

**Personal Precautions**

Ensure adequate ventilation

**Environmental Precautions**

See Section 12 for additional Ecological Information.

**Methods and Materials for Containment and Cleaning up**

Prevent further leakage or spillage if safe to do so. Keep in suitable, closed containers for disposal.

**SECTION 7) HANDLING AND STORAGE****Ventilation Requirements**

Use only with adequate ventilation to control air contaminants to their exposure limits.

**Storage Room Requirements**

Keep away from heat, sparks, flame and other sources of ignition.

Store in original containers. Keep containers securely sealed. Keep container tightly closed. Keep cool. Protect from sunlight.

**7.1 Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice.

**SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION****Eye protection**

Wear safety glasses with side shields

**Skin Protection**

Hand Protection: Wear suitable gloves. PVC(Polyvinyl chloride).  
 Skin & Body Protection: PVC apron. Protective shoes and boots.

## Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

## Appropriate Engineering Controls

Showers, eyewash stations, and ventilation system.

## 8.2 Exposure Controls

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	CANsmg	CANspmm	CANtmg	CANtppm	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA TWA (mg/m3)	OSHA TWA (ppm)
No applicable chemical	-	-	-	-	-	-	-	-

Chemical Name	OSHA Carcinogen	OSHA Tables (Z1, Z2, Z3)	OSHA Skin designation	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH TLV Basis
No applicable chemical	-	-	-	-	-	-	-	-

Chemical Name	ACGIH Carcinogen	ACGIH Notations
No applicable chemical	-	-

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Density	0.52 g/cm3
Specific Gravity	N/A
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Appearance	Flakes - Solid@ 25°C
Odor Description	N/A
Odor Threshold	N/A
pH	5.5-7.5
Melting/Freezing Point	37-47 °C
Low Boiling Point	300 °C
High Boiling Point	N/A
Flash Point	>149 °C
Vapor Pressure	N/A
Vapor Density	N/A
Evaporation Rate	N/A
Upper Explosion Level	N/A
Lower Explosion Level	N/A
Water Solubility	N/A

Coefficient Water/Oil N/A  
Viscosity N/A

## SECTION 10) STABILITY AND REACTIVITY

### Reactivity

No hazardous reactivity is expected.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Hazardous polymerization will not occur.

### Stability

Stable under normal conditions

### Conditions to Avoid

Keep away from flames and sparks. Keep away from heat and sources of ignition.

Extremes of temperature and direct sunlight.

Exposure to air or moisture over prolonged periods.

Exposure to moisture

### Incompatible Materials

Oxidizing agents.

### Hazardous Decomposition Products

Oxides of carbon (CO, CO<sub>2</sub>).

## SECTION 11) TOXICOLOGICAL INFORMATION

### Likely Route of Exposure

Inhalation, ingestion, skin absorption

### Acute Toxicity

Oral LD<sub>50</sub> > 20g/kg(rat) = 53mL/kg(rat)

### Aspiration Hazard

No data available.

### Carcinogenicity

The product does not contain any component present at concentration greater than or equal to 0.1% listed as carcinogen/possibly carcinogen for NTP, IARC and OSHA.

### Germ Cell Mutagenicity

No data available.

### Reproductive Toxicity

No data available.

### Respiratory/Skin Sensitization

No data available.

### Serious Eye Damage/Irritation

Slightly irritating (100 uL/24h, rabbit)

### Skin Corrosion/Irritation

Slightly to moderate irritating (500 uL/24h, rabbit).

### Specific Target Organ Toxicity - Repeated Exposure

No data available.

### Specific Target Organ Toxicity - Single Exposure

No data available.

## SECTION 12) ECOLOGICAL INFORMATION

### Bioaccumulative Potential

No data available.

### Mobility in Soil

No data available.

### Persistence and Degradability

Expected to be biodegradable. Based on similar products.

### Other Adverse Effects

No data available.

## SECTION 13) DISPOSAL CONSIDERATIONS

### Waste Disposal

Waste from residues/unused products: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. Contaminated packaging: Do not reuse empty containers.

## SECTION 14) TRANSPORT INFORMATION

	Transport Canada Information	U.S. DOT Information
<b>UN number:</b>	Not Regulated	Not Regulated
<b>Proper shipping name:</b>	N/A	N/A
<b>Hazard class:</b>	Not Applicable	Not Applicable
<b>Packaging group:</b>	Not Applicable	Not Applicable
<b>Hazardous substance (RQ):</b>		No Data Available
<b>Marine Pollutant:</b>	No Data Available	No Data Available
<b>Note / Special Provision:</b>	No Data Available	No Data Available
<b>Toxic-Inhalation Hazard:</b>		No Data Available
<b>Transport in bulk (according to Annex II of MARPOL 73/78):</b>	No Data Available	

## SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0009004-99-3	Polyethylene glycol stearate	100%	DSL, TSCA

## SECTION 16) OTHER INFORMATION

### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CANsmg or CANspmm - Canadian Short Term Exposure Level in mg/L or in ppm; CANtmg or CANtppm - Canadian Time Weighted Average in mg/L or in ppm; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center(US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

### Version 1.0:

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