



Safety Data Sheet

ULTRAFLUSH

SDS Revision Date: 6/27/19

Section 1: Chemical Product and Company Identification

1.1 Product Identifier

Product Identity

Alternate References

ULTRAFLUSH
3003152920

1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

Intended Use

Application Method

See Technical Data Sheet.
See Technical Data Sheet.

1.3 Details of Supplier of the Safety Data Sheet

Company Name

Emac Compressor Parts
2101 Westinghouse Blvd. Suite D
Charlotte, NC 28273

Customer Service: Edmac Compressor Parts

(800) 866-2959
sales@edmac.com
(800) 424-9300

Emergency CHEMTREC (USA):

Section 2: Hazards Identification

2.1 GHS Product Classification

No applicable GHS categories.

2.2 Label Elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

Prevention: No GHS prevention statements

Response: No GHS response statements

Storage: No GHS storage statements

Disposal: No GHS disposal statements

Section 3: Composition/Ingredient Information

This product is considered a mixture.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Fatty acids, C5-10, esters with pentaerythritol CAS Number: 0068424-31-7	25 - 50	Not classified	[1]
Heptanoic acid, mixed esters with pentaerythritol and valeric acid CAS Number: 0068441-94-1	25 - 50	Not classified	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.



This formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Trade secrets are allowable per paragraph (i) of 29 CFR 1910.1200 as long as specific chemical identity and exact percentage composition are available and will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

Section 4: First Aid Measures

4.1 Description of First Aid Measures

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion: If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 Most Important Symptoms and Effects (Acute and Delayed)

Overview: No specific symptom data available. See section 2 for further details.

Section 5: Fire Fighting Measures

5.1 Extinguishing Media

Dry chemical, foam, carbon dioxide or water spray.

5.2 Special Hazards Arising from the Substance/Mixture

Hazardous decomposition: None under normal use.

5.3 Advice for Fire-Fighters

In the event of fire, wear full protective clothing and NIOSH Approved Self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapors.

Section 6: Accidental Release Measures

6.1 Personal Precautions

Evacuate personnel to safe areas. Use personal protective equipment.

6.2 Environmental Precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3 Methods and Materials for Cleanup

Use a non-combustible material like vermiculite, sand or earth to soak up product and place in a container for later disposal. Dike for disposal and cover with wet sand or earth.

Section 7: Handling and Storage

7.1 Precautions for Safe Handling

See section 2 for further details.

7.2 Conditions for Safe Storage

Handle containers carefully to prevent damage and spillage.

Store in a cool dry place.



Keep containers tightly closed.
Incompatible materials: Incompatible with strong oxidizing agents
See section 2 for further details.

7.3 Specific End Use(s)

No data available.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure:

CAS No.	Ingredient	Source	Value
0068424-31-7	Fatty acids, C5-10, esters with pentaerythritol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0068441-94-1	Heptanoic acid, mixed esters with pentaerythritol and valeric acid	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data:

CAS No.	Ingredient	Source	Value
0068424-31-7	Fatty acids, C5-10, esters with pentaerythritol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068441-94-1	Heptanoic acid, mixed esters with pentaerythritol and valeric acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2 Exposure Controls

Respiratory: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators

Eyes: Safety glasses with side shields

Skin: Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

Engineering Controls: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Section 9: Chemical and Physical Properties

Appearance:

Clear and bright liquid

Odor:

Mild

Odor Threshold:

Not Measured

pH:

Not Measured

Melting Point/Freezing Point:

Pour Point: -45C

Initial Boiling Point:

Not Measured



Flash Point:	204 °C
Evaporation Rate:	Not Measured
Flammability:	Not Applicable
Upper/Lower Explosive Limits:	Not Measured
Vapor Pressure (Pa):	Not Measured
Vapor Density:	Not Measured
Specific Gravity:	0.94
Solubility in Water:	Not Measured
Partition Coefficient:	Not Measured
Autoignition Temperature:	Not Measured
Decomposition Temperature:	Not Measured
Viscosity:	37.1 cSt @ 40 °C

Section 10: Stability and Reactivity

10.1 Reactivity

Hazardous Polymerization will not occur.

10.2 Chemical Stability

Stable under normal circumstances.

10.3 Possibility of Hazardous Reactions

No data available.

10.4 Conditions to Avoid

None known.

10.5 Incompatible Materials

Incompatible with strong oxidizing agents.

10.6 Hazardous Decomposition Products

None under normal use.

Section 11: Toxicological Information

11.1 Acute Toxicity

Product is safe for intended use based on the formulation, testing results and the long history of safe consumer use.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Fatty acids, C5-10, esters with pentaerythritol - (68424-31-7)	No data available	No data available	No data available	No data available	No data available
Heptanoic acid, mixed esters with pentaerythritol and valeric acid - (68441-94-1)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).



Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Section 12: Ecological Information

12.1 Environmental Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Toxicity:

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Fatty acids, C5-10, esters with pentaerythritol - (68424-31-7)	Not Available	Not Available	Not Available
Heptanoic acid, mixed esters with pentaerythritol and valeric acid - (68441-94-1)	Not Available	Not Available	Not Available

12.2 Persistence and Degradability

There is no data available on the preparation itself.

12.3 Bioaccumulative Potential

Not Measured.

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB Assessment

This product contains no PBT/vPvB chemicals

12.6 Other Adverse Effects

No data available.

Section 13: Disposal Information

Observe all federal, state and local regulations when disposing of this substance

Section 14: Transportation Information

UN Number:

Not Applicable

UN Proper Shipping Name:

Not Regulated

Transport Hazard Class:

Not Applicable

Package Group:

Not Applicable

Marine Pollutant:

No



Special Precautions:

No further information

Section 15: Regulatory Information

Regulatory Overview: The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA): All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification: Not Regulated

US EPA Tier II Hazards:

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): No

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

N.J. RTK Substances (>1%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Penn RTK Substances (>1%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Section 16: Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is: Not Applicable

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information provided on the SDS is a correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.