

Safety Data Sheet

Version 1.3

Revision Date 09/27/2022

SDS Number 300000078639

Print Date 09/27/2022

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : UR-AWAY FL

Product Use Description : General Flushing Solvent

Manufacturer/Importer/Distributor : Versum Materials US, LLC
8555 South River Parkway
Tempe, AZ 85284-2601
Exporter EIN No. 47-5632014
www.emdgroup.com/electronics

Telephone : 800 837 2724

Emergency telephone number (24h) : 1-800-424-9300
(+1) 703-741-5970 (CHEMTREC)

2. HAZARDS IDENTIFICATION

GHS classification

Not a dangerous substance according to GHS

GHS label elements

Hazard pictograms/symbols: None.

Signal Word: Not applicable.

Hazard Statements:

Not applicable.

Hazards not otherwise classified

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration (Weight)
Fatty acids, C14-18 and C16-18-unsatd., Me esters	67762-26-9	60% - 90 %

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TRIPROPYLENE GLYCOL MONOMETHYL ETHER	25498-49-1	20% - 30 %
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4. FIRST AID MEASURES

- General advice : Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye contact : Rinse immediately with plenty of water also under the eyelids for at least 20 minutes. Remove contact lenses.
- Skin contact : Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 20 minutes.
- Ingestion : Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.
- Inhalation : Treat symptomatically. Move to fresh air.
- Most important symptoms/effects - acute and delayed : Repeated and/or prolonged exposures may result in : Blood chemistry changes (such as methemoglobinemia leading to cyanosis or loss of consciousness). Kidney disorders.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : The product itself does not burn.
Carbon dioxide (CO₂).
Dry chemical.
Dry sand.
Limestone powder.
- Specific hazards : Incomplete combustion may form carbon monoxide. No special precautions required.
- Special protective equipment for fire-fighters : Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.
- Further information : The product, as distributed, is noncombustible.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment, and Emergency Procedures : Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.
- Environmental precautions : Construct a dike to prevent spreading.
- Methods for cleaning up : Call Emergency Response number for advice. Approach suspected leak areas with caution. Place in appropriate chemical waste container.

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Additional advice : If possible, stop flow of product.

7. HANDLING AND STORAGE

Handling

Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Provide readily accessible eye wash stations and safety showers.
Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

Respiratory protection : Wear appropriate respirator when ventilation is inadequate.

Hand protection : Neoprene gloves.
Nitrile rubber.
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Chemical safety glasses.

Skin and body protection : Long sleeve shirts and trousers without cuffs.

Special instructions for protection and hygiene : Wash hands at the end of each workshift and before eating, smoking or using the toilet. Provide readily accessible eye wash stations and safety showers.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid. Colorless to straw yellow.

Odor : No data available.

Odor threshold : No data available.

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pH	: No data available.
Melting point/range	: No data available.
Boiling point/range	: > 482 °F (> 250 °C)
Flash point	: 269 °F (131.5 °C) Pensky-Martens Closed Cup
Evaporation rate	: No data available.
Flammability (solid, gas)	: Refer to product classification in Section 2
Upper/lower explosion/flammability limit	: No data available.
Vapor pressure	: No data available.
Water solubility	: Slightly Soluble
Relative vapor density	: No data available.
Relative density	: 0.9 (water = 1)
Partition coefficient: n-octanol/water [log Kow]	: No data available.
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available.
Viscosity	: No data available.
Density	: No data available. : 56.185 lb/ft ³ (0.9 g/cm ³)

10. STABILITY AND REACTIVITY

Chemical Stability	: Stable under normal conditions.
Conditions to avoid	: No data available.
Materials to avoid	: Strong oxidizing agents.
Hazardous decomposition products	: Carbon monoxide. Carbon dioxide (CO ₂).
Possibility of hazardous Reactions/Reactivity	: No data available.

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11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Likely routes of exposure

Effects on Eye : Mild eye irritation.

Effects on Skin : Mild skin irritation.

Inhalation Effects : No data available.

Ingestion Effects : No data available.

Symptoms : No data available.

Acute toxicity

Acute Oral Toxicity : No data is available on the product itself.

Acute Oral Toxicity - Components

Fatty acids, C14-18 and C16-18-
unsatd., Me esters

LD50 : > 5,000 mg/kg

Species : Rat

Inhalation : No data is available on the product itself.

Acute Dermal Toxicity : No data is available on the product itself.

Acute Dermal Toxicity - Components

Fatty acids, C14-18 and C16-18-
unsatd., Me esters

LD50 : > 2,000 mg/kg

Species : Rabbit

Skin corrosion/irritation : Mild skin irritation.

Serious eye damage/eye
irritation : Mild eye irritation.

Sensitization. : No data available.

Chronic toxicity or effects from long term exposures

Carcinogenicity : No data available.

Reproductive toxicity : No data is available on the product itself.

Germ cell mutagenicity : No data is available on the product itself.

Specific target organ systemic
toxicity (single exposure) : No data available.

Specific target organ systemic : No data available.

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toxicity (repeated exposure)

Aspiration hazard : No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. Repeated and/or prolonged exposures may result in : Blood chemistry changes (such as methemoglobinemia leading to cyanosis or loss of consciousness), Kidney disorders.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity : No data is available on the product itself.

Toxicity to fish - Components

Fatty acids, C14-18 and C16-18-unsatd., Me esters EC 50 (48 h) : > 100,000 mg/l Species : Zebrafish (Danio rerio).

Toxicity to algae - Components

Fatty acids, C14-18 and C16-18-unsatd., Me esters EC 50 (72 h) : 73,729 mg/l Species : Selenastrum capricornutum (Pseudokirchneriella subcapitata)

Toxicity to other organisms : No data available.

Persistence and degradability

Biodegradability : No data is available on the product itself.

Mobility : No data available.

Bioaccumulation : No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products : Contact supplier if guidance is required.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

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14. TRANSPORT INFORMATION

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

TDG

Not dangerous goods

Further Information

Not classified as dangerous in the meaning of transport regulations. The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact customer service.

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s):

None.

Country	Regulatory list	Notification
USA	TSCA	Included on Inventory.
EU	EINECS	Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.
Canada	DSL	Included on Inventory.
Australia	AICS	Included on Inventory.
Japan	ENCS	Included on Inventory.
South Korea	ECL	Included on Inventory.
China	SEPA	Included on Inventory.
Philippines	PICCS	Included on Inventory.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification

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No SARA Hazards

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level
None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

16. OTHER INFORMATION

Prepared by : Product Compliance Department

Telephone : 800 837 2724

Preparation Date : 09/27/2022
