

# Safety Data Sheet

Version 1.1

Revision Date 03/24/2022

SDS Number 300000078636

Print Date 02/14/2023

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Decap

Product Use Description : Polymer Remover

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

Flammable liquids - Category 4  
Skin irritation - Category 2  
Eye irritation - Category 2A  
Specific target organ toxicity - single exposure - Category 3

### GHS label elements

#### Hazard pictograms/symbols



Signal Word: Warning

#### Hazard Statements:

H227:Combustible liquid  
H315:Causes skin irritation.  
H319:Causes serious eye irritation.  
H335:May cause respiratory irritation.

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## Precautionary Statements:

- Prevention : P210:Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P271:Use only outdoors or in a well-ventilated area.  
P261:Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280a:Wear protective gloves and eye/face protection.  
P264:Wash hands thoroughly after handling.
- Response : P302+P352 :IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 :If skin irritation occurs: Get medical advice/attention.  
P304+P340 :IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 :Call a POISON CENTRE/doctor if you feel unwell.  
P305+P351+P338 :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 :If eye irritation persists: Get medical advice/attention.  
P362 :Take off contaminated clothing and wash before re use.  
P370+P378 :In case of fire, use recommended extinguishing media for extinction.
- Storage : P403+P235:Store in a well-ventilated place. Keep cool.  
P405:Store locked up.
- Disposal : P501:Disposal of contents/container to be specified in accordance with regulations.

## Hazards not otherwise classified

Product may be easily absorbed by skin.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration (Weight)
Methane, sulfinylbis-	67-68-5	60% - 90 %
1-Phenoxy-2-propanol	770-35-4	10% - 30 %

## 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 : Immediately remove contaminated clothing, and any extraneous chemical, if

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- possible to do so without delay. Wash off immediately with plenty of water for at least 20 minutes.
- Ingestion : If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.
- Inhalation : 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. Move to fresh air.
- Most important symptoms/effects - acute and delayed : Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Asthma. Eye disease. Skin disorders and Allergies.

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## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam.  
Carbon dioxide (CO2).  
Dry chemical.  
Dry sand.  
Limestone powder.
- Specific hazards : Flash back possible over considerable distance. In the event of fire, cool tanks with water spray. Fire or intense heat may cause violent rupture of packages. Burning produces noxious and toxic fumes. May form explosive mixtures in air. Downwind personnel must be evacuated. Incomplete combustion may form carbon monoxide.
- Special protective equipment for fire-fighters : Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.
- Further information : Do not allow run-off from firefighting to enter drains or water courses.

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## 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment, and Emergency Procedures : Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas.
- Environmental precautions : Do not allow spill to enter into sewers or waterways. Shut off or remove all ignition sources. Use appropriate containment to avoid environmental contamination. Construct a dike to prevent spreading.
- Methods for cleaning up : Absorb with inert absorbent materials such as: Dry sand. Vermiculite. Activated charcoal. Approach suspected leak areas with caution. Call Emergency Response number for advice. Place in appropriate chemical waste container.
- Additional advice : If possible, stop flow of product.

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## 7. HANDLING AND STORAGE

### Handling

Use only in well-ventilated areas. Avoid contact with eyes. Avoid breathing vapors and/or aerosols. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. See "Flammable and Combustible Liquid Code" NFPA No. 30, National Fire Protection Association, Boston, MA. Use personal protective equipment. When using, do not eat, drink or smoke.

### Storage

Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from oxidizers.

### Technical measures/Precautions

Keep away from open flames, hot surfaces and sources of ignition.

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## 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                                 | : 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 resistant goggles must be worn.  |
| Skin and body protection                        | : Long sleeve shirts and trousers without cuffs.  |
| Environmental exposure controls                 | : Do not allow spill to enter into sewers or waterways. Shut off or remove all ignition sources. Use appropriate containment to avoid environmental contamination.                        |
| 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.                                |

### Exposure limit(s)

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Methane, sulfinylbis-	Time Weighted Average (TWA): WEEL	250 ppm	-
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid. Pink
Odor	: No data available.
Odor threshold	: No data available.
pH	: 7.3
Melting point/range	: No data available.
Boiling point/range	: 372 °F (189 °C)
Flash point	: 174 °F (79 °C) Pensky-Martens Closed Cup
Evaporation rate	: No data available.
Flammability (solid, gas)	: Not applicable.
Upper/lower explosion/flammability limit	: Not applicable.
Vapor pressure	: 0.35 mmHg
Water solubility	: Miscible with water.
Relative vapor density	: Not applicable.
Relative density	: No data available.
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. : 68.671 lb/ft <sup>3</sup> (1.1 g/cm <sup>3</sup> )

## 10. STABILITY AND REACTIVITY

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Chemical Stability	: Stable under normal conditions.
Conditions to avoid	: Heat, flames and sparks.
Materials to avoid	: Oxidizing agents. Oxidizing agents.
Hazardous decomposition products	: Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Sulphur oxides.
Possibility of hazardous Reactions/Reactivity	: No data available.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Likely routes of exposure

Effects on Eye	: Causes eye irritation.
Effects on Skin	: Product may be easily absorbed by skin. Causes skin irritation. Product may be easily absorbed by skin. Toxic or irritant substances can easily be taken into the body, if they are dissolved in DMSO.
Inhalation Effects	: Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system.
Ingestion Effects	: May be harmful if swallowed.
Symptoms	: Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Asthma., Eye disease., Skin disorders and Allergies.

#### Acute toxicity

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

#### Acute Oral Toxicity - Components

Methane, sulfinylbis-

LD50 : 28,300 mg/kg

Species : Rat male

Inhalation : No data is available on the product itself.

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

#### Acute Dermal Toxicity - Components

Methane, sulfinylbis-

LD50 : 40,000 mg/kg

Species : Rat male

Skin corrosion/irritation : Irritating to skin.

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Serious eye damage/eye irritation : Irritating to eyes.

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) : May cause respiratory irritation.

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

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. This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. Asthma., Eye disease., Skin disorders and Allergies.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

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

Toxicity to fish - Components  
Methane, sulfinylbis- LC50 (96 h) : > 25,000 mg/l Species : Zebra danio (Danio rerio)

Toxicity to daphnia - Components  
Methane, sulfinylbis- EC 50 (48 h) : 24,600 mg/l Species : Daphnia magna

Toxicity to algae - Components  
Methane, sulfinylbis- EC 50 (72 h) : 17,000 mg/l Species : Algae (Pseudokirchneriella subcapitata)

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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.

Bioaccumulation - Components  
Methane, sulfinylbis- Negligible bioaccumulation potential.

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## 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

UN/ID No. : NA1993  
Proper shipping name : Combustible liquid, n.o.s., (Dimethyl sulfoxide)  
Packing group : III  
Marine Pollutant : No

\*\*\* NOTE: When packaged in a bulk quantity (>450 liters), this substance is classified as NA1993 Combustible Liquid for surface transportation within the United States. In smaller containers, the product is not regulated for transportation.

### IATA

Not dangerous goods

### IMDG

Not dangerous goods

### TDG

Not dangerous goods



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## Further Information

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  
Acute Health Hazard Fire Hazard.

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

### HMIS Rating

Health : 2  
Flammability : 2  
Physical hazard : 0

Prepared by : Product Compliance Department

Telephone : 800 837 2724

Preparation Date : 02/14/2023

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