

DM Healthcare Products, Inc.

Safety Data Sheet

Revised Date: 02/23/15
Replaces Date: NEW

MSDS ID: H1270

1. General Information

Product Code: H1270
Product Description: GDMAP Glycerol Dimethacrylate Phosphate
Product Category: Dental Adhesion Promoter

Company: DM Healthcare Products, Inc.
10080 Willow Creek Rd.
San Diego, CA 92131

Telephone: 858-348-1122

Emergency phone number (spill, leak, fire, exposure or accident):
US Domestic 800-424-9300 (CHEMTREC)
International +1 703-527-3887

2. Hazards Identification

EMERGENCY OVERVIEW:

GHS Classification:

Skin Irritation (Category 2)

Eye Irritation (Category 2A)

Specific Target Organ Toxicity – Single Exposure (Category 3) Respiratory System

GHS Label Elements, including precautionary statements:



Signal Word: **Warning**

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

P261: Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264: Wash skin thoroughly after handling.
P271: Use only outdoors or in a well ventilated area.
P280c: Wear protective gloves/protective clothing.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTER or doctor if you feel unwell.
P332+P313: If skin irritation occurs: Get medical advice/ attention.
P337+P313: If eye irritation persists: Get medical advice/ attention.
P362: Take off contaminated clothing and wash before reuse.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.
P501: Dispose of contents/ container to an approved waste disposal plant.

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HMIS Classification:

Health Hazard: 2
Flammability: 1
Physical Hazards: 0

NFPA Rating:

Health Hazard: 2
Fire: 1
Reactivity Hazard: 0

3. Composition/ Information On Ingredients

Synonyms: GDMAP, H1270, Glycerol Dimethacrylate Phosphate

COMPONENT	CAS#	CONCENTRATION
2-(Phosphonoxy)propane-1,3-diylbismethacrylate	67829-13-4 EC #: 267-293-7	> 90%

4. First Aid Measures

GENERAL ADVICE:

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If swallowed:

Do not induce vomiting. Rinse mouth with water. Get immediate medical attention.

In case of skin contact:

Wash area with soap and water. Consult a physician.

If inhaled:

Remove person to fresh air. If breathing has stopped, perform artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

In case of eye contact:

Flush with water for 15 minutes as a precaution.

5. Fire and Explosion Hazard Data

Conditions of flammability:

Will burn.

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products:

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Hazardous combustion products formed under fire conditions. Nature of decomposition products not known.

6. Accidental Release Measures

Personal Precautions:

Wear personal protective equipment. Avoid mist formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Soak-up and arrange for disposal without creating vapors/mists. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid formation of mists and aerosols. Keep container closed. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage:

Store at +5°C or colder away in tightly closed container in a dry and well ventilated area.

8. Exposure Controls and Personal Protection Measures

Contains no substances with occupational exposure limit values

Personal protective equipment:

Respiratory protection:

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good manufacturing practices. Wash and dry hands.

Eye protection:

Safety glasses with side shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin and body protection:

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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9. Physical / Chemical Characteristics

Appearance:

Physical State:	Liquid
Color:	Yellow
Odor:	no data available
Odor threshold:	no data available

Other properties:

pH:	no data available
Melting Point:	no data available
Boiling Point:	no data available
Flash Point:	>103°C (<217°F) – closed cup
Ignition temperature	no data available
Autoignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapor Pressure:	no data available
Specific Gravity (H ₂ O=1):	1.286 g/cc @ 25°C
Solubility in water:	no data available
n-Octanol/water partition coefficient:	no data available
Evaporation rate (BuAc=1):	no data available
Volatile organic content:	no data available

10. Reactivity Hazard Data

Chemical stability:

Stable under recommended storage conditions.

Conditions to avoid:

No data available

Materials to avoid:

Strong oxidizing, strong reducers, strong acids.

Hazardous decomposition products:

Acrid smoke-fumes/carbon monoxide/carbon dioxide and perhaps other toxic vapors may be released during a fire involving this product.

Possibility of hazardous reactions:

No data available.

11. Toxicological Information

Acute Toxicity:

Oral LD50

No data available

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Inhalation LC50
No data available

Dermal LD50
No data available

Other information on acute toxicity
No data available

Skin Corrosion/irritation:
No data available

Serious eye damage/eye irritation:
No data available

Respiratory or skin sensitization:
Prolonged or repeated exposure may cause allergic reactions in certain individuals.

Germ cell mutagenicity:
No data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity:
No data available

Teratogenicity:
No data available

Specific target organ toxicity – single exposure (Globally Harmonized System)
Respiratory system

Specific target organ toxicity – repeated exposure (Globally Harmonized System)
No data available

Aspiration hazard
No data available

Additional Information:
RETCS: Not available

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12. Ecological Information

Toxicity:

No data available

Persistence and degradability:

No data available

Bioaccumulation potential:

No data available

Mobility in soil:

No data available

PBT and vPvP assessment:

No data available

Other adverse effects:

No data available

13. Disposal Considerations

Product:

Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential for internal heat generation. After excess inhibitor offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging:

Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers in accordance with federal, state and local regulations

14. Transport Information

DOT (US):

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

15. Regulatory Information

TSCA Status:

Not listed. For R&D use by trained professionals.

OSHA Hazards:

Harmful by ingestion. Harmful by skin absorption. Irritant.

SARA 302 Components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards:

Acute health hazard

CALIFORNIA PROPOSITION 65:

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

16. Other Information

The opinions expressed herein are those of qualified experts within DM Healthcare Products, Inc. We believe that the information contained herein is current, as of the date of this SDS. Because the use of this information and of these opinions, and the conditions of use of this product, are not within the control of DM Healthcare Products, Inc., it is the user's legal obligation to determine the conditions of safe use of this product.