

SAFETY DATA SHEET

===== SECTION 1 - IDENTIFICATION =====

MANUFACTURER:	Diamapro Systems, Inc.	EMERGENCY PHONE:	1-800-424-9300
ADDRESS :	325 West Front Street	INFORMATION PHONE:	1-800-622-2048
	Erie, PA 16507	NAME OF PREPARER:	Safety Director

PRODUCT NAME: Diamapro Diamo-Guard PSR Plus
PRODUCT CODE: DPDGPSR

===== SECTION 2 - HAZARDS IDENTIFICATION =====

Classification

Serious eye damage/eye irritation	Category 2A
Flammable liquids	Category 4

Label Elements

Emergency Overview

Warning

Hazard Statements

Causes serious eye irritation
 Combustible liquid



Appearance Clear

Physical State Liquid

Odor No information available

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Wear eye/face protection
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 In case of fire, use water fog, dry chemical, CO2 or "alcohol resistant" foam

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

- Combustible liquid
 - Causes mild skin irritation
- No information available

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===== SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS =====

Chemical name	CAS No.	Weight-%	Trade Secret
Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10- decamethyl	541-02-6	60 - 100	*
Trade Secret	Proprietary	3 - 7	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

===== SECTION 4 - FIRST AID MEASURES =====

Description of First Aid Measures

General Advice	If symptoms persist, call a physician.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation	Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
Self-Protection of the First Aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms Causes serious eye irritation. May cause skin irritation.

Indication of any immediate medical attention and special treatment needed

Note to Physicians Treat symptomatically.

===== SECTION 5 - FIRE AND EXPLOSION HAZARD DATA =====

Suitable Extinguishing Media

Use. Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Alcohol resistant foam.

Unsuitable Extinguishing Media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

===== SECTION 6 - ACCIDENTAL RELEASE MEASURES =====

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges.

Environmental Precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional ecological information.

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Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Use clean non-sparking tools to collect absorbed material. Take precautionary measures against static discharges.

===== SECTION 7 - HANDLING AND STORAGE =====

Precautions for safe handling

Advice on Safe Handling	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).
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Conditions for Safe storage, Including any Incompatibilities

Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers.
Incompatible Materials	OXIDIZERS.

===== SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

Control Parameters

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

Engineering Controls	Ensure adequate ventilation, especially in confined areas.
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Individual Protection Measures, Such as Personal Protective Equipment

Eye/face Protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear protective gloves and protective clothing.
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended.

===== SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES =====

Information on basic physical and chemical properties

Physical State	Liquid	Odor	No information available
Appearance	clear	Odor Threshold	No information available
Color	Slight yellow		
Property	Values	Remarks • Method	
pH	Not Applicable		
Melting Point / Freezing Point °F	-30 °C / -22 °F		
Boiling Point / Boiling Range	No information available		
Flash Point	77 °C / 171 °F		
Evaporation Rate	No information available		

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Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	.096
Water Solubility	
Solubility in Other Solvents	No information available
Partition Coefficient	No information available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Kinematic Viscosity	No information available
Dynamic Viscosity	No information available

===== SECTION 10 - STABILITY AND REACTIVITY DATA =====

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	OXIDIZERS.
Hazardous Decomposition Products	None known based on information supplied.

===== SECTION 11 - TOXICOLOGICAL INFORMATION =====

Information on Likely Routes of Exposure

Product Information	No data available
Inhalation	Avoid breathing vapors or mists.
Eye contact	Avoid contact with eyes. Causes serious eye irritation.
Skin Contact	Avoid contact with skin. Causes mild skin irritation.
Ingestion	Do not taste or swallow.

Component Information

Chemical name	LD50/Oral	LD50/Dermal	Inhalation LC50
Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10- decamethyl 541-02-6	> 24134 mg/kg (Rat)	> 16 mL/kg (Rabbit)	

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Causes serious eye damage. Causes mild skin irritation.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - repeated exposure	No information available.

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Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	10137 mg/kg
ATEmix (dermal)	18231 mg/kg mg/l
ATEmix (inhalation-dust/mist)	9.9 mg/l

===== SECTION 12 - ECOLOGICAL INFORMATION =====

Ecotoxicity

Persistence and Degradability No information available.

Bioaccumulation No information available.

Other Adverse Effects No information available

===== SECTION 13 - DISPOSAL CONSIDERATIONS =====

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not reuse container.

===== SECTION 14 - TRANSPORT INFORMATION =====

DOT Not regulated (If shipped in NON BULK packaging by ground transport)

IATA Not regulated

IMDG Not regulated

===== SECTION 15 - REGULATORY INFORMATION =====

International Inventories

TSCA Complies

DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and

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Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical name	California Proposition 65
Methanol - 67-56-1	Developmental

U.S. State Right-to-Know Regulations

===== SECTION 16 - OTHER INFORMATION =====

NFPA	Health hazards 1	Flammability 2	Instability 0	Physical and chemical properties -
HMS	Health hazards 1	Flammability 2	Physical hazards 0	Personal protection X

Prepared By: S. Thome
Revision Date: 02/25/2022

The information herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results. Also this shall not establish a legally valid contractual relationship.

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in use of the material.

Our products are intended for sale to industrial and commercial customers. We encourage customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications.

Warranty: The manufacturer warrants that products sold comply with specifications as represented and will perform satisfactorily if used according to the directions, or the manufacturer will refund or replace any unused portion thereof, for a period of one year from the date of manufacture. The manufacturer does not make any other warranty, or assume responsibility of any kind, expressed or implied regarding the effect or result of the products use; and assumes no responsibility of injury to vendee or third parties proximately caused by the material if reasonable safety procedures are not adhered to.