

SAFETY DATA SHEET

REVISED: 09.12.2022

===== 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 Dima-Guard HG PLUS
PRODUCT CODE: DPGHGP

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

Classification of the substance or mixture

Skin Irrit. 2	H315	Causes skin irritation
Eye Dam. 2A	H319	Causes serious eye damage

Label elements**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms:

GHS07

Signal word:

Warning

HAZARD STATEMENTS:

H315 Causes skin irritation
H319 Causes serious eye irritation

PRECAUTIONARY STATEMENTS:

P264 Wash thoroughly after handling
P280 Wear protective impervious gloves/ OSHA approved eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice / attention
P362+P364 Take off contaminate clothing and wash it before reuse
P337+P313 If eye irritation persists: Get medical advice/attention

Other Hazards: There are no other hazards not otherwise classified that have been identified.

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

Chemical Characterizations: Mixtures**Additional Information:** For the wording of the listed Hazard Statements refer to Section 16**Components**

1344-09-8	silicic acid, sodium salt Met. Corr. 1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318
31795-24-1	Potassiummethylsilanetriolate Skin Corr. 1A, H314; Eye Dam. 1, H318

Additional Information:

For the wording of the listed Hazard Statements refer to Section 16

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

After inhalation: Supply fresh air, consult doctor in case of complaints**After skin contact:**

Immediately wash with water and soap and rinse thoroughly
 Seek medical treatment in case of complaints
 Seek medical attention if any skin damage has occurred

After eye contact:

Immediately remove contact lenses if possible
 Flush with large amounts of water, lifting upper and lower eyelids.
 If irritation persists, seek medical attention.

INGESTION:

Rinse out mouth and then drink plenty of water.

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Do not induce vomiting; immediately seek medical attention.

Most important symptoms and effects, both acute and delayed:

Irritant to skin and mucus membranes
 Causes eye irritation
 Nausea in case of ingestion
 Gastric or intestinal disorders when ingested
 Cramp
 Coughing

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically

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

Extinguishing Media

Suitable extinguishing agents:

The product is not flammable
 Use fire fighting measures that suite the environment

For safety reasons unsuitable extinguishing agents: None

Special hazards arising from the substance or mixture

Formation of toxic gasses is possible during heating or in case of fire.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device
 Wear fully protective suit.

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

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Environmental precautions

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Methods and material for containment and clean up

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders)

Send for recovery or disposal in suitable receptacles

Reference to other sections

See Section 7 for information on safe handling
 See Section 8 for information on personal equipment
 See Section 13 for disposal information

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

HANDLING INFORMATION:

Precautions for safe handling:

Open and handle receptacle with care
 Use only in well ventilated areas
 Avoid contact with eyes and skin
 Avoid breathing mist, vapors, or spray
 Keep out of the reach of children

Information about protection against explosions and fires:

No special measures required

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles

Store in cool, dry conditions in well-sealed receptacles
 Use only receptacles specifically permitted for this substance/product
 Unsuitable material for receptacles: Aluminum

Information about storage in one common storage facility:

Store away from foodstuffs
 Store away from foodstuffs

Specific end use(s): No relevant information available

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

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Control Parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Personal Protection Equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Avoid contact with the eyes and skin

Wash hands before breaks and at the end of work

Engineering controls:

No relevant information available

Breathing Equipment:

Not required under normal conditions of use

Use suitable respiratory protection may be advisable

For spills, respiratory protection may be advisable

PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing.

Wear protective gloves to handle contents of damaged or leaking units.

The glove material has to be impermeable and resistant to the product / the substance / the preparation

Launder contaminated clothing before reuse.

EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

Limited and supervision of exposure into the environment

No relevant information available

Risk management measures

No relevant information available

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

Information on basic physical and chemical properties

Appearance

Form	Liquid
Color	Slightly Milky
Odor	Slight
Odor Threshold	Not determined
pH value	Alkaline
Melting point/Melting range	Not Determined
Boiling point/Boiling range	Not Determined
Flash point	This product is not flammable
Flammability (solid, Gas)	Not applicable
Auto-Ignition temperature	Not Determined
Decomposition temperature	Not Determined
Danger of explosion	Product is not explosive
Explosion limits	
Lower	Not Determined
Upper	Not Determined
Oxidizing properties	Non-oxidizing
Vapor pressure	Not Determined
Density	
Relative density	Not Determined
Vapor density	Not Determined
Evaporation rate	Not Determined
Solubility in / Miscibility with Water	Soluble
Partition coefficient (n-octanol/water)	Not Determined
Viscosity	
Dynamic	Not Determined
Kinematic	Not Determined
Other information	No relevant information available

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

Reactivity:

No relevant information available

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Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications

Possibility of hazardous reactions

Reacts with strong acids

Conditions to avoid

Avoids acids

Incompatible materials

Strong acids

Hazardous decomposition products

Possible in traces

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

Information on toxicological effects
Acute toxicity

LD/LC50 values that are relevant for classification:

None

Primary irritant effect:
On the skin:

Irritant to skin and mucous membranes

On the eyes:

Irritating effect

Sensitization:

No sensitizing effects known

IARC (International Agency for Research on Cancer):

None of the ingredients listed

NTP (National Toxicology Program):

None of the ingredients listed

OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed

Probable route(s) of exposure:

Eye contact

Skin contact

Germ cell mutagenicity:

Based on available data, the classification criteria are not met

Carcinogenicity:

Based on available data, the classification criteria are not met

Reproductive toxicity:

Based on available data, the classification criteria are not met

STOT - single exposure:

Based on available data, the classification criteria are not met

STOT – repeated exposure:

Based on available data, the classification criteria are not met

Aspiration hazard:

Based on available data, the classification criteria are not met

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

Toxicity
Aquatic toxicity

No relevant information available

Persistence and degradability;

No relevant information available

Bioaccumulative potential:

No relevant information available

Mobility in soil:

No relevant information available

Additional ecological information
General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Results of PBT and vPvB assessment
PBT:

Not applicable

vpvB:

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Not applicable

Other adverse effects:

No relevant information available

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

Waste treatment methods

Recommendations:

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relative local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packaging's

Recommendation:

Disposal must be made according to official regulations

Recommended cleansing agent:

Water, if necessary, with cleansing agents

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

UN-Number	
DOT, ADR, IMDG, IATA	Not regulated
UN, proper shipping name	
DOT, ADR, IMDG, IATA	Not regulated
Transportation hazard class(es)	
DOT, ADR, IMDG, IATA	
Class	Not regulated
Packing group	
DOT, ADR, IMDG, IATA	Not regulated
Environmental hazards	
Marine pollutant:	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable

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

Safety, health and environmental regulations / legislation specific for the substance or mixture

United States (USA)

SARA

Section 302 (extremely hazardous substance):

None of the ingredients are listed

Section 355 (extremely hazardous substances):

None of the ingredients are listed

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed

TSCA (Toxic Substance Control Act)

All ingredients listed

Proposition 65 (California)

Chemicals Known to cause cancer

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed

Chemicals known to cause development toxicity:

Present in trace quantities

64-56-1 methanol

Carcinogenic categories

EPA (Environmental Protection Agency)

None of the ingredients are listed

IARC (International Agency for Research on Cancer):

None of the ingredients are listed

NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients are listed

Canadian Domestic Substances List (DSL):

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All ingredients are listed

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

This information is based on our present knowledge. However, the shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG:	International Maritime Code for Dangerous Goods
DOT:	US Department of Transportation
IATA:	International Air Transport Association
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
LC50:	Lethal Concentration, 50 percent
LD50:	Lethal dose, 50 percent
PBT:	Persistent, Bio-accumulabe, Toxique
vPvB:	very Persistent and very Bio-accumulabe
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety & Health Administration
Flam. Liq. 3:	Flammable liquids – Category 3
Acute Tox. 4:	Acute toxicity – Category 4
Skin Irrt. 2A:	Skin corrosion / irritation – Category 2A
Eye Irrt. 2A:	Serious eye damage / eye irritation – Category 2A
Skin Sens. 1:	Skin sensitisation – Category 1