

# SAFETY DATA SHEET

REVISED: 12.10.2018

## ===== 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 Dama-Guard HG  
**PRODUCT CODE:** DPGHG

## ===== 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

<b>Form</b>	Liquid
<b>Color</b>	Slightly Milky
<b>Odor</b>	Slight
<b>Odor Threshold</b>	Not determined
<b>pH value</b>	Alkaline
<b>Melting point/Melting range</b>	Not Determined
<b>Boiling point/Boiling range</b>	Not Determined
<b>Flash point</b>	This product is not flammable
<b>Flammability (solid, Gas)</b>	Not applicable
<b>Auto-Ignition temperature</b>	Not Determined
<b>Decomposition temperature</b>	Not Determined
<b>Danger of explosion</b>	Product is not explosive
<b>Explosion limits</b>	
<b>Lower</b>	Not Determined
<b>Upper</b>	Not Determined
<b>Oxidizing properties</b>	Non-oxidizing
<b>Vapor pressure</b>	Not Determined
<b>Density</b>	
<b>Relative density</b>	Not Determined
<b>Vapor density</b>	Not Determined
<b>Evaporation rate</b>	Not Determined
<b>Solubility in / Miscibility with Water</b>	Soluble
<b>Partition coefficient (n-octanol/water)</b>	Not Determined
<b>Viscosity</b>	
<b>Dynamic</b>	Not Determined
<b>Kinematic</b>	Not Determined
<b>Other information</b>	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 =====

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

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=====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