

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 Diamapro Hard C
PRODUCT CODE: DPDHC

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

Classification of the substance or mixture

Skin Irrit. 2 H315 Causes skin irritation.
 Eye Dam. 1 H318 Causes serious eye damage.

Label elements

GHS label elements

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

Hazards:

GHS05

Signal word: Danger

Hazard statements:

H315 Causes skin irritation.
 H318 Causes serious eye damage.

Precautionary statements:

P264 Wash thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye 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.
 P310 Immediately call a poison center/doctor.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.

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

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

Chemical characterization: Mixtures

Components:		
Component 1	Trade Secret Eye Dam. 1 H318 STOT SE 3, H335	Trade Secret
Component 2	Trade Secret Skin Corr. 1A, H314; Eye Dam. 1, H318	Trade Secret

Additional information: For the wording of the listed Hazard Statements, refer to section 16.

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

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Immediately rinse with water.
 If skin irritation continues, consult a doctor.
 Seek medical treatment if any skin damage has occurred.
After eye contact: Immediately remove contact lenses if possible.
 Rinse opened eye for several minutes under running water. Then consult a doctor.

SAFETY DATA SHEET

After swallowing: Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.

Most important symptoms and effects, both acute and delayed: Strong irritant with the danger of severe eye injury.
Nausea in case of ingestion.
Gastric or intestinal disorders when ingested.

Danger: Cramp
Coughing
Causes serious eye damage.

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 suit the environment.

For safety reasons unsuitable extinguishing agents: None

Special hazards arising from the substance or mixture Formation of toxic gases 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 cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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 protection equipment.
See Section 13 for disposal information.

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

Handling

Precautions for safe handling: Open and handle receptacle with care.
Use only in well ventilated areas.
Avoid contact with the eyes and skin.
Avoid breathing mist, vapors, or spray.
Keep out of 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.

Information about storage in one common storage facility: Store away from foodstuffs.

Specific end use(s) No relevant information available.

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

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.

SAFETY DATA SHEET

Exposure controls

Personal protective 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.
 Avoid breathing mist, vapors, or spray.
 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 protective device when aerosol or mist is formed.
 For spills, respiratory protection may be advisable.

Protection of hands:

Protective gloves

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

Eye protection:

Safety glasses

Body protection:

Protective work clothing

Limitation 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: Milky-white

Odor:

Odorless
 Odor threshold: Not determined.

pH-value:

Alkaline

Melting point/Melting range:

Not determined.

Boiling point/Boiling range:

Not determined.

Flash point:

The product is not flammable.

Flammability (solid, gaseous):

Not applicable.

Auto-ignition temperature:

Not determined.

Decomposition temperature:

Not determined.

Danger of explosion:

Product does not present an explosion hazard.

Explosion limits

Lower: Not determined.

Upper: Not determined.

Oxidizing properties:

Non-oxidizing.

Vapor pressure:

Not determined.

Density:

Relative density: >1

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.

Chemical stability:

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

Avoid acids.

Incompatible materials

Strong acids

Hazardous decomposition products

Possible in traces.

SAFETY DATA SHEET

===== 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 eye: Strong irritant with the danger of severe eye injury.
Sensitization: No sensitizing effects known.

IARC (International Agency for Research on Cancer): None of the ingredients are listed.

NTP (National Toxicology Program): None of the ingredients are 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: Not applicable.

Other adverse effects No relevant information available.

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

Waste treatment methods

Recommendation:

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

Uncleaned packagings

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.

Transport hazard class(es)

DOT, ADR, IMDG, IATA
Class Not regulated.

SAFETY DATA SHEET

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 substances):	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 Substances Control Act)	All ingredients are 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 developmental toxicity:	Present in trace quantities. methanol 67-56-1

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):	All ingredients are listed.

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

This information is based on our present knowledge. However, this 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-accumulable, Toxique
vPvB:	very Persistent and very Bioaccumulative
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety & Health Administration
Skin Corr. 1A:	Skin corrosion/irritation – Category 1A
Skin Irrit. 2:	Skin corrosion/irritation – Category 2
Eye Dam. 1:	Serious eye damage/eye irritation – Category 1
STOT SE 3:	Specific target organ toxicity (single exposure) – Category 3

Prepared By: S. Thome
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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.

SAFETY DATA SHEET

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.