

# SAFETY DATA SHEET

REVISED: 8.18.2023

## SECTION 1 - IDENTIFICATION

MANUFACTURER: DiamaPro Systems, Inc.  
 ADDRESS : 325 West Front Street  
 Erie, PA 16507

EMERGENCY PHONE: 1-800-424-9300  
 INFORMATION PHONE: 1-800-622-2048  
 NAME OF PREPARER: Safety Director

PRODUCT NAME: DiamaPro Diama-TLC #2  
 PRODUCT CODE: DPTLCB#2

## SECTION 2 - HAZARDS IDENTIFICATION



### GHS Pictograms:

GHS Signal Word: WARNING

This product is alkaline. Avoid contact with eyes and skin. Keep out of reach of children.  
 The product may be harmful if it is inhaled or swallowed.

### POTENTIAL HEALTH EFFECTS:

#### CODE OF HAZARD STATEMENTS:

##### Physical hazards

None.

##### Health Hazards

H303-may be harmful if swallowed.  
 H312-Harmful in contact with skin.  
 H319-Causes serious eye irritation.  
 H333-May be harmful if inhaled.

##### Environmental hazards

None.

#### CODE OF PRECAUTIONARY STATEMENTS:

##### General

P101-Keep out of reach of children.  
 P103-Read label before use.

##### Prevention statements

P202-Do not handle until all safety precautions have been read and understood.  
 P262-Do not get in eyes, on skin or on clothing.  
 P264-Wash thoroughly after handling using this product.  
 P280-Wear protective gloves/protective clothing/eye protection/face protection.  
 P284-Wear respiratory protection.

##### Response statements

P312-Call a POISON CENTER or doctor/physician if you feel unwell.  
 P331-DO NOT induce vomiting.  
 P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P352, Wash with plenty of soap and water.  
 P362, Take off contaminated clothing and wash before reuse.

##### Storage

P403-Store in well-ventilated place.  
 P404-Store in a closed container.

ROUTES OF ENTRY: Eye contact, skin adsorption, ingestion and inhalation.

CARCINOGENICITY: None know at this time.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Components				
Component	CAS #	EINECS No	% by weight	REACH Reg. #
Prop. A	Prop.	Prop.	>1	Yes
Prop. B	Prop.	Prop.	>1	No
Prop. C	Prop.	Prop.	<1	No
Prop. D	Prop.	Prop.	<1	No
Prop. E	Prop.	Prop.	<1	Yes
Prop. F	Prop.	Prop.	<1	Yes
Prop. G	Prop.	Prop.	<1	Yes
Lithium polysilicate	12627-14-4	235-730-0	>20	Yes
Water	7732-18-5	231-791-2	Balance	No

Undisclosed Ingrediance are withheld as trade secret.

# SAFETY DATA SHEET

## SECTION 4 - FIRST AID MEASURES

**Eye Contact:** Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

**Inhalation:** Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

**Ingestion:** If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

## SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** Not flammable

Flammability Limits: NE

**Fire Fighting Media:** Dry chemical, carbon dioxide, and water spray.

**Special Fire Fighting Procedures:** First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE). Material is alkaline and may cause the floor to be slippery.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Clean-up Procedures:** Material is alkaline wear proper PPE. Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use plastic shovel to pick up absorbent for disposal.

**Spills and Leaks:** Dispose in accordance to local, state or federal regulations.

## SECTION 7 - HANDLING AND STORAGE

**Handling:** Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

**Storage:** Store in original labeled container. Keep in cool and dry areas.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Introductory Remarks:** Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits. Personal Protection:

### Personal Protection:

**Eyes:** Wear safety goggles or safety glasses to prevent eye contact.

**Body:** Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

**Hands:** Chemical resistant gloves

**Respiratory:** Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Odor/Color</b>	Slight ammonia-like/ Color Varies	<b>Vapor Pressure</b>	< 2.2 torr @ 68 °F (20 °C)
<b>pH</b>	11-12	<b>Vapor density (air=1)</b>	> 1 @ 68°F (20°C)
<b>VOC by weight</b>	< 50g/L	<b>Solubility</b>	Unavailable data
<b>Evaporation</b>	Unavailable data	<b>Boiling Point</b>	212 °F (100 °C)

## SECTION 10 - STABILITY AND REACTIVITY DATA

**Chemical Stability:** Considered stable under normal ambient temperatures.

**Hazardous Decomposition:** If complete combustion, oxides of carbon and silicates are formed.

**Hazardous Polymerization:** Will not occur.

**Incompatibility~ Materials to Avoid:** May react with strong oxidizing agents and strong acids.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Acute Eye Irritation:** Irritating.

**Acute Skin Irritation:** Chronic exposure may be irritating.

## SAFETY DATA SHEET

**Acute Dermal Toxicity:** Not expected to be toxic through the skin.

**Acute Inhalation Toxicity:** Not determined, expected to be an irritant to the respiratory system.

**Carcinogenic Effects:** None

**Existing Medical Conditions Aggravated by Exposure:** Exposure to eyes and skin may cause irritation to pre-existing conditions.

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

**Ecotoxicity:** The toxicity of this product has not been determined.

**Environmental Fate:** This product should be expected to be readily biodegradable.

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

**Waste Disposal Method:** What ever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations.

**Container Handling and Disposal:** All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

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

**Ground Classification:** Not regulated by US DOT

**Shipping Name:** Dama-TLC

**Technical Shipping Name:** None

**UNFIC:** None

**ID Number:** None

**Packaging Group:** None

**Labels:** No US DOT Labels

**Not regulated by IATA or IMO**

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

EPCRA 311/312 Categories: Immediate (Acute) Health Effects: Yes

Delayed (Chronic) Health Effects: Yes

Fire Hazard: No

Sudden Release of Pressure No

Reactivity: No

European Community:  irritating (Xi) substances

Right to know classification: All ingredients are listed in CA, FL, MA, MI, MN, PA and NJ.

TSCA: All ingredients listed or exempt from listing.

Reportable Quantity (RQ): None

Prop. 65: None

WHMIS: Xi (Irritant to the eyes and skin)

All ingredients are listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI,

PICCS, SWISS, Taiwan, USA and UK

#### ABBREVIATIONS:

CAS # Chemical Abstract Service Number

EINECS European Inventory of existing  
Commercial Chemical Sales

°C Celsius temperature scale

°F Fahrenheit temperature scale

Prop. Proprietary

PE Personal Protective Equipment

TLV Threshold Limit Value

TWA Time Weighted Average

STEL Short-term Exposure Limit

PEL Permissible Exposure Limit

OSHA Occupational Safety & Health

NIOSH National Institute of Safety & Health

NFPA National Fire Protection Agency

WHMIS Workplace Hazardous Materials Information  
System

NTP National Toxicology Program

IARC Int. Agency for Research on Cancer

RCRA Resource Conservation Recovery Act

TSCA Toxic Substance Control Act

EC50 Effective Dose

LC50 Lethal Inhalation Concentration

LD50 Lethal Dose

CAS Chemical Abstract Service Number

LEL Lower explosive limit

UEP Upper explosive limit

NDA No Data Available

ND Not determined

## SAFETY DATA SHEET

NE	None established	NA	Not Applicable
<	Less Than or Equal To	>	Greater Than or Equal To
CNS	Central Nervous System	CI	China
DSL	Canada	ECL	Korean Existing Chemicals List
EEC	European Economic Commission	ENCS	Japanese Existing and New Chemical List
EU	European Union	MAC	Netherlands
MAK	Germany	MITI	Japan
PICCS	Philippines	SWISS	Giftliste 1
UK	United Kingdom	USA	United States
VOC	Volatile organic content	ACGIH	American Conference of Government Industrial Hygienists
SARA	Superfund Amendments and Reauthorization Act		
AICS	Australian Inventory of Chemical Substances		
IARC	International Agency for Research on Cancer		
Taiwan	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086		

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

#### Hazardous Material Information (HMIS)

#### National Fire Protection Association (NFPA)

Health	1	1	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	C		NA

Health	4	Deadly 3	Extreme Danger 2	Dangerous 1	Slight hazard 0	No hazard
Fire	4	< 73 °C 3	< 100 °C 2	< 200 °C 1	>200 °C 0	Will not burn
Reactivity/Instability	4	– May detonate 3	Explosive 2	Unstable 1	Normally stable 0	Stable

**Risk phrases:** R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin.

**Safety phrases:** S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.

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.