

# Safety Data Sheet

Version: 1.0

Revision: 10/06/2022

**Trade Name: SPARTIC - ALL™ MXP - Part B - WATER BASED HYBRID POLYASPARTIC**

## 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade Name: SPARTIC-ALL™ MXP - Part B

### 1.2 Article No.: SPARTIC-ALL™ MXP - Part B

### 1.3 Details of the supplier of the Safety Data Sheet Manufacturer:

Elite Crete Systems  
 1151 Transport Drive  
 Valparaiso, IN 46383  
 Toll Free: 888.323.4445  
 Tel: (219) 465-7671  
[www.elitecrete.com](http://www.elitecrete.com)

### 1.4 Emergency telephone number:

CHEMTREC US DOMESTIC: (800-424-9300)  
 CHEMTREC INTERNATIONAL: (703-527-3887)

## 2 Hazards identification

### Classification of the substance or mixture

Repr. 2 - Suspected of damaging fertility or the unborn child.

### Pictograms and Signal Words



Warning

### Hazard statements:

H361 - Suspected of damaging fertility or the unborn child.

### Precautionary statements:

P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P308+P313 - IF exposed or concerned: Get medical advice/attention.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to ...

### Ingredient(s) with unknown acute toxicity:

None

### Hazards not otherwise classified identified during the classification process:

None

### OSHA/HCS status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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## 3 Composition/information on ingredients

### Substances

N.A.

### Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

#### List of components:

Quantity	Name	Ident. Numb.	Classification
50 - 75 %	Proprietary Polyester Resin		
25 – 35 %	Water		
5 – 10 %	Triethanolamine	CAS: 102-71-6	
1 – 5 %	Zinc Compound		Repr. 2, H361; Eye Irrit. 2B, H320
0.5 – 1 %	Tertiary Amine		Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312

## 4 First aid measures

### Description of first aid measures

In case of skin contact:

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

In case of eye contact:

Immediately flush eyes with plenty of water, occasionally tilting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

In case of Ingestion:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

In case of Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. In the event of any complaints or symptoms, avoid further exposure.

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**Most important symptoms/effects, acute and delayed**

N.A.

**Indication of any immediate medical attention and special treatment needed**

In case of accident or unwellness, seek medical advice immediately.

## 5 Firefighting measures

**Extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

**Suitable extinguishing media:**

Water.

Carbon dioxide (CO<sub>2</sub>).
**Unsuitable extinguishing media:**

Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

Hazardous combustion products: N.A. Explosive properties: N.A.

Oxidizing properties: N.A.

**Special protective equipment and precautions for fire-fighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear positive pressure self-contained breathing apparatus and personal protective equipment, such as jacket (Standard: EN469), helmet (standard: EN443), gloves (standard: EN407), boots (standard: EN345-S3 HI WRU HRO).

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## 6 Accidental release measures

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

**Methods and material for containment and cleaning up**

Suitable material for taking up: absorb with inert, absorbent material.

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## 8 Exposure controls/personal protection

### Control parameters

No data available.

### Appropriate engineering controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice.

### Individual protection measures

#### Eye protection:

Use close fitting safety goggles, don't use eye lens.

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts.

#### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g., cotton, rubber, PVC or Viton.

#### Protection for hands:

Use protective gloves that provides comprehensive protection, e.g., P.V.C., neoprene or rubber (EN374).

#### Respiratory protection:

N.A.

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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## 9 Physical and chemical properties

### Information on basic physical and chemical properties

Physical State: Liquid

Appearance and color: Milky Whitish Odor: N.A.

Odor threshold: N.A.

pH: N.A.

Melting point/ freezing point: N.A.

Initial boiling point and boiling range: N.A.

Flash point: &gt;100 °C (212 °F)

Evaporation rate: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapor density (air= 1): N.A.

Vapor pressure: N.A.

Density: 1.06 g/cm<sup>3</sup>

Solubility in water: N.A.

Solubility in other solvents: N.A.

Partition coefficient (n-octanol/water): N.A.

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Viscosity: 2,500.00 cP

Explosive properties: N.A.

Oxidizing properties: N.A.

Solid/gas flammability: N.A.

### Other information

Substance Groups relevant properties N.A. Miscibility: N.A.

Fat Solubility: N.A.

Conductivity: N.A.

## 10 Stability and reactivity

### Reactivity

Stable under normal conditions.

### Chemical stability

Data not available.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

Under normal conditions of storage and use, hazardous reactions will not occur.

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## 11 Toxicological information

### Information on toxicological effects

#### Toxicological information of the mixture:

- a) Acute toxicity - Not classified. Based on available data, the classification criteria are not met
- b) Skin corrosion/irritation - Not classified. Based on available data, the classification criteria are not met
- c) Serious eye damage/irritation - Not classified. Based on available data, the classification criteria are not met
- d) Respiratory or skin sensitization – Not classified. Based on available data, the classification criteria are not met
- e) Germ cell mutagenicity - Not classified. Based on available data, the classification criteria are not met
- f) Carcinogenicity - Not classified. Based on available data, the classification criteria are not met
- g) Reproductive toxicity - The product is classified: Repr. 2(H361)
- h) STOT-single exposure - Not classified. Based on available data, the classification criteria are not met
- i) STOT-repeated exposure - Not classified. Based on available data, the classification criteria are not met
- j) Aspiration hazard - Not classified. Based on available data, the classification criteria are not met

#### Toxicological information on main components of the mixture:

<b>ZINC COMPOUND</b>	a) acute toxicity	LD50 Skin Rat> 2000.00000 mg/kg LC50 Inhalation Mist Rat> 5700.00000 mg/m3 LD50 Oral Rat> 20000.00000 mg/kg
	b) skin corrosion/irritation	Skin Irritant - No
	c) serious eye damage/irritation	Eye Irritant - Yes
	e) germ cell mutagenicity	Mutagenesis Negative
	g) reproductive toxicity	No Observed Adverse Effect Level Rat 90.00000 mg/kg 24h
<b>TERTIARY AMINE</b>	a) acute toxicity	LD50 Skin Rabbit 400 - 640 mg/kg LD50 Oral Rat 1144.00000 mg/kg
	b) skin corrosion/irritation	Skin Corrosive Positive Skin Irritant Positive
	c) serious eye damage/irritation	Eye Corrosive Positive

#### Substance(s) listed on the IARC Monographs:

None

#### Substance(s) listed as OSHA Carcinogen(s):

None

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**Substance(s) listed as NIOSH Carcinogen(s):**

None

**Substance(s) listed on the NTP report on Carcinogens:**

None

## 12 Ecological information

### Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

### List of components with eco-toxicological properties

Component	Ident. Number	Ecotox Info
ZINC COMPOUND		a) Aquatic acute toxicity: EC50 Algae Pseudokirchnerella subcapitata 2.72000 mg/L 72h
		a) Aquatic acute toxicity: LC50 Fish Cyprinus carpio - ,,30 - 70 mg/l, 96 Hours
TERTIARY AMINE		a) Aquatic acute toxicity: EC50 Algae 202.50000 mg/L 72h

### Persistence and degradability

N.A.

### Bioaccumulative potential

N.A.

### Mobility in soil

N.A.

### Other adverse effects

N.A.

## 13 Disposal considerations

### Waste treatment methods

Recover, if possible. Send to authorized disposal plants or for incineration under controlled conditions.

In so doing, comply with the local and national regulations currently in force.

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## 14 Transport information

**UN-Number**

ADR-UN number: N/A  
 DOT-UN Number: N/A  
 IATA-Un number: N/A  
 IMDG-Un number: N/A

**UN proper shipping name**

ADR/RID-Shipping Name: N/A  
 DOT Proper Shipping Name: N/A  
 IATA-Technical name: N/A  
 IMDG-Technical name: N/A

**Transport hazard class(es)**

ADR/RID-Class: N/A  
 DOT Hazard Class: N/A  
 IATA-Class: N/A  
 IMDG-Class: N/A

**Packing group**

ADR/RID-Packing Group: N/A  
 DOT-Packing group: N/A  
 IATA-Packing group: N/A  
 IMDG-Packing group: N/A

**Environmental hazards:**

Marine pollutant: No  
 Environmental Pollutant: N.A.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: N/A**
**Special precautions**
**Department of Transportation (DOT):**

DOT-Special Provision(s): N/A  
 DOT Label(s): N/A  
 DOT Symbol: N/A  
 DOT Cargo Aircraft: N/A  
 DOT Passenger Aircraft: N/A  
 DOT Bulk: N/A  
 DOT Non-Bulk: N/A

**Road and Rail (ADR-RID):**

ADR-Label: N/A  
 ADR - Hazard identification number: N/A  
 ADR-Transport category (Tunnel restriction code): N/A

**Air (IATA):**

IATA-Passenger Aircraft: N/A  
 IATA-Cargo Aircraft: N/A  
 IATA-Label: N/A  
 IATA-Subsidiary hazards: N/A  
 IATA-Erg: N/A  
 IATA-Special Provisioning: N/A



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**Sea (IMDG):**

IMDG-Stowage Code: N/A  
 IMDG-Stowage Note: N/A  
 IMDG-Subsidiary hazards: N/A  
 IMDG-Special Provisioning: N/A  
 IMDG-Page: N/A  
 IMDG-Label: N/A  
 IMDG-EMS: N/A  
 IMDG-MFAG: N/A

## 15 Regulatory information

**USA - Federal regulations**
**TSCA - Toxic Substances Control Act**
**TSCA inventory:**
**List of substances included in the TSCA inventory:**

Proprietary Polyester Resin; Triethanolamine; ZINC COMPOUND; TERTIARY AMINE

**List of substances not included in the TSCA inventory:**

WATER

**TSCA listed substances:**

Proprietary Polyester Resin is listed in TSCA Section Sb

**SARA - Superfund Amendments and Reauthorization Act**
**Section 302 - Extremely Hazardous Substances:**

No substances listed

**Section 304 - Hazardous substances:**

No substances listed

**Section 313 - Toxic chemical list:**

ZINC COMPOUND

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**
**Substance(s) listed under CERCLA:**

ZINC COMPOUND

**CAA - Clean Air Act**
**CAA listed substances:**

No substances listed

**CWA - Clean Water Act**
**CWA listed substances:**

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No substances listed

## USA - State specific regulations California Proposition 65

### Substance(s) listed under California Proposition 65:

No substances listed

### Massachusetts Right to know

### Substance(s) listed under Massachusetts Right to know:

Triethanolamine

### Pennsylvania Right to know

### Substance(s) listed under Pennsylvania Right to know:

Triethanolamine

### New Jersey Right to know

### Substance(s) listed under New Jersey Right to know:

Triethanolamine

## Additional classification information



HMIS Health: 3 = SERIOUS

HMIS Flammability: 1 = Combustible if heated

HMIS Reactivity: 0 = MINIMAL

HMIS P.P.E.: G - Safety glasses, gloves, vapor respirators

NFPA Health: 3 = SERIOUS

NFPA Flammability: 1 = Combustible if heated

NFPA Reactivity: 0 = MINIMAL

NFPA Special Risk: NONE

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## 16 Other information

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.

### Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods. IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

! CAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO). GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances. Incan: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society). GefStoffNO: Ordinance on Hazardous Substances, Germany.

LCS0: Lethal concentration, for 50 percent of test population. LOSO: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration. TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard). STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class. KSt: Explosion coefficient.

y for the damage.

### Paragraphs modified from the previous revision:

- SECTION 1: Identification of the substance/mixture and of the company/undertaking
- SECTION 3: Composition/information on ingredients
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- SECTION 15: Regulatory information