

# Triple7 Eco-Scale Plus

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 7/17/2023 Revision Date 08/07/2023 Version: 2.0



### SECTION 1: Identification

#### 1.1. Product identifier

Product name : Triple7 Eco-Scale Plus  
Product code : AAESCPL-5, AAESCPL-20, AAESCPL-200, AAESCPL-BB

#### 1.2. Recommended use and restrictions on use

Recommended use : Biodegradable surface cleaner for lime scale and calcium removal. Non corrosive liquid for scale removal in heat exchangers and pipework systems. Environmentally responsible. No restrictions on use. Contains no ozone depleting substances. Free of corrosive inorganic acids such as hydrochloric, phosphoric, oxalic and sulphuric acids.

Restrictions on use : Not to be used for any purpose other than the one the product was designed for

#### 1.3. Supplier

Envirofluid Inc.  
1629 K Street N.W., Suite 300  
Washington DC  
USA

#### 1.4. Emergency telephone number

+1 (202) 869 8240

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2A H319  
Full text of H-statements: see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) :

Warning

Hazard statements (GHS CA) :

H315 - Causes skin irritation..  
H319 - Causes serious eye irritation.

Precautionary statements (GHS CA) :

P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/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.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS CA)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Propanoic acid, 2-hydroxy- (Lactic Acid)	-	CAS-No.: 50-21-5	<30	Skin Irrit. 2, H315
Citric acid monohydrate	-	CAS-No.: 5949-29-1	<30	Eye Irrit. 2A, H319

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after skin contact : In case of skin burns: Immediately flood the burnt area with plenty of water, but do not pick off anything stuck to the skin. Chemical burns must be treated promptly by a physician. Chemical burns must be treated promptly by a physician. Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately. Take off contaminated clothing. Take off immediately all contaminated clothing and wash it before reuse. Take off contaminated clothing and wash it before reuse. Wash skin with plenty of water.
- First-aid measures after eye contact : Call a physician immediately. Rinse immediately with plenty of water. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately. Do not induce vomiting because of corrosive effects.

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Unsuitable extinguishing media are not known. Do not use a heavy water stream.

### 5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released. Thermal decomposition can lead to the release of irritating gases and vapours. Water vapours are released.

### 5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Keep upwind. Fight fire from safe distance and protected location.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.

### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Minimise generation of dust.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Dust may form flammable and explosive mixture with air.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Store in a well-ventilated place. Keep cool. Store locked up. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage area : Keep out of direct sunlight.

Information on mixed storage : Store away from incompatible materials and products. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.

Special rules on packaging : Position containers so that any labelling information is visible. Keep packaging closed when not in use. Check containers and packaging regularly for leaks and damage.

Packaging materials : Keep only in original packaging.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Personal protective equipment (PPE) must be suited to the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Avoid all unnecessary exposure.

#### Hand protection:

Wear suitable gloves resistant to chemical penetration: Polyvinylchloride (PVC), Nitrile rubber (NBR), Butyl rubber (IIR), Antistatic gloves

#### Eye protection:

Eye protection is provided by the respiratory protection (see section). Safety glasses

#### Skin and body protection:

Wear foot protection: Chemical resistant boots. Wear protective clothing: Impervious clothing

#### Respiratory protection:

#### Personal protective equipment symbol(s):



#### Other information:

PPE compliant with the recommended standards should be selected.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Colourless Colourless
Odour	: Mild odor characteristic
Odour threshold	: No data available
pH	: 2.1
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: < 0 °C
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: > 121 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: 18 mm Hg (20 °C)
Relative vapour density at 20°C	: No data available
Relative density	: 1.043
Solubility	: In water, material soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available

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Viscosity, kinematic	: No data available
Explosive properties	: Dust may form explosive mixture in air.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

Reactivity	: No additional information available
Chemical stability	: No additional information available
Possibility of hazardous reactions	: No additional information available
Conditions to avoid	: No additional information available
Incompatible materials	: Strong acids. Strong bases. Strong oxidizers.
Hazardous decomposition products	: No additional information available
Hardening time:	: No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes skin irritation. pH: 2.1
Serious eye damage/irritation	: Causes eye irritation. pH: 2.1
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### Citric acid monohydrate

Animal studies and expert judgment for classification	False
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### Propanoic acid, 2-hydroxy- (Lactic Acid)

Animal studies and expert judgment for classification	False
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## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### 12.2. Persistence and degradability

No additional information available

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### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

No additional information available

## SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

### 14.1. UN number

Not Applicable

### 14.2. UN proper shipping name

Not Applicable

### 14.3. Transport hazard class(es)

Not Applicable

**DOT**

**IMDG**

**IATA**

### 14.4. Packing group

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

No additional information available

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### 15.2. International regulations

No additional information available

### SECTION 16: Other information

Issue date : 08/07/2023

#### Full text of H-statements:

H315	Causes skin burns and eye damage.
H319	Causes serious eye irritation.

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.