

Envirotac SC (Super Concentrate)[®]

Revision Date 07/01/2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Envirotac SC[®]
 Product code : ESC-T, ESC-D, ESC-B

Manufacturer or supplier's details

Company : Vermillions Environmental Products & Applications, Inc.
 Address : 78900 Avenue 47, Suite 106
 La Quinta, CA 92253
 Telephone : 1-888-674-9174, 1-760-777-8035

Medical Emergency Phone Number: 1-888-674-9174 or if immediate emergency dial 911

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Soil Stabilization, SubBase Stabilization, Erosion Control, Dust Control
 Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION
Emergency Overview

Appearance	liquid
Color	white
Odor	sweet

GHS Classification

Eye irritation : Category 2A

GHS Label element

Hazard pictograms :



Signal Word : Warning

Hazard Statements:

H319 Causes serious eye irritation.

Precautionary Statements:

Prevention: P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection.

Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/ attention.

Potential Health Effects

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Carcinogenicity:

IARC	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration [%]
Polyethylene glycol octyl phenoxy ether	9002-93-1	1 - 5
Polyethylene glycol octyl phenyl ether	9036-19-5	1 - 5

SECTION 4. FIRST AID MEASURES

General advice	: Show this material safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. If symptoms persist, call a physician.
In case of skin contact	: Wash off with soap and water.
In case of eye contact	: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
If swallowed	: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: none
Specific hazards during fire fighting	: Cool closed containers exposed to fire with water spray.

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Specific extinguishing methods :
Further information : This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.
Environmental precautions : No special environmental precautions required. Prevent product from entering drains.
Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : No special precautions are needed in handling this material.
Conditions for safe storage : Keep container closed when not in use. Keep in a dry, cool place.
Materials to avoid : Do not freeze. No special restrictions on storage with other products.
Storage temperature : ≥ 40 °F

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

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Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection
Material : Nitrile rubber
Remarks : For prolonged or repeated contact use protective gloves.
Eye protection : Safety glasses

SAFETY DATA SHEET



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Protective measures : No special protective equipment required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Color : white
Odor : sweet
Odor Threshold : No data available
pH : 4.0 - 6.0
Melting point/freezing point : 32 °F
Boiling point/boiling range : 212 °F
Flash point : Not applicable
Evaporation rate : not determined
Flammability (solid, gas) : Not classified as a flammability hazard

Upper explosion limit : upper flammability limit
not determined
Lower explosion limit : lower flammability limit
not determined
Vapor pressure : not determined
Relative vapor density : not determined
Density : 8.900 - 9.100 lb/gal
Solubility(ies)
Water solubility : dispersible
Partition coefficient: n-
octanol/water : No data available
Autoignition temperature : not determined

Viscosity
Viscosity, dynamic : 125 - 1,125 cP
Solid Content, % by weight: : 54 - 56
VOC, % by weight : 1.1

SECTION 10. STABILITY AND REACTIVITY

Chemical stability : The product is chemically stable.
Possibility of hazardous : Hazardous polymerization does not occur.
reactions
Hazardous decomposition : Stable under normal conditions.
products

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

SECTION 14. TRANSPORT INFORMATION**Special precautions for user**

Remarks : Not dangerous goods

Domestic regulation**International Regulation****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) report

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

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US State Regulations**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

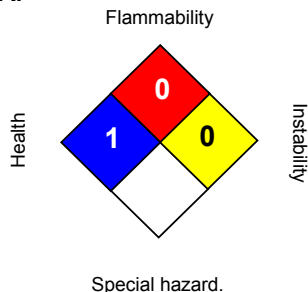
The ingredients of this product are reported in the following inventories:

TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
REACH	Not in compliance with the inventory
AICS	On the inventory, or in compliance with the inventory
NZIoC	Not in compliance with the inventory
ENCS	Not in compliance with the inventory
KECI	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
TWINV	Not in compliance with the inventory

Inventories Legend TSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Department - phone: 1-760-779-1814 - email: epajav@yahoo.com

Further information**NFPA:****HMIS III:**

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Vermillions Environmental Products & Applications, Inc. from its suppliers, and because Vermillions Environmental Products & Applications, Inc. has no control over the conditions of handling and use, Vermillions Environmental Products & Applications, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Vermillions Environmental Products & Applications, Inc.

SAFETY DATA SHEET



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Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of Vermillions Environmental Products and Applications, inc. products to comply with all applicable federal, state and local laws and regulations.