

Enviro Bio Cleaner (EBC) SDS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Enviro Bio Cleaner
Product code : #1010 - 12 EBC

1.2. Relevant identified uses of the substance or mixture and uses advised against

Industrial Cleaner

1.3. Details of the supplier of the safety data sheet

ENVIRO BIO CLEANER
5118 TAWNY LAKE PL – FAIRFIELD, CA 94534
PHONE: (707)759-2244

1.4. Emergency telephone number

Emergency number : INFOTRAC: 800-535-5053

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.2 Label Elements

Hazard Pitograms (GHS-US)



Signal word (GHS-US) : Warning

Acute Effects

Eyes Causes eye burns. Direct contact with the eyes can cause irreversible damage, including blindness.

Skin Causes skin irritation. Harmful if absorbed through the skin. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

Inhalation Avoid breathing vapors, spray or mists in concentrated state. Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath. Can cause central nervous system (CNS) depression.

Ingestion Harmful if swallowed. May cause burns to mouth, throat and stomach.

Routes of Entry . Dermal contact, Eye Contact, Inhalation, Ingestion

2.3 Other hazards

No additional information available

Hazard identification: Applies to concentrate form ONLY. EBC is made with materials that meet today's green standards for people using the product and the environment. At use levels this product is unclassified
Acute Effects
Eye and Skin Irritant:

SECTION 3: Composition/information on ingredients

Name	Product identifier (cas#)	% Range
Surfactant blend	mixture	5-15
Sodium Metasilicate		1-5

Specific chemical identity and/or exact percentage of composition withheld as trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Wash with plenty of soap and water. Wash contaminated clothing before reuse. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call doctor/physician if any irritation occurs.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physic

SECTION 5 Firefighting Measures

5.1. Extinguishing media

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

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

5.2. Special hazards arising from the substance or mixture

Reactivity : Thermal decomposition generates : Corrosive vapors.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from
: Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No exposure limit values known

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves/eye protection/face protection protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and Body Protection :Wear suitable protective clothing.

Respiratory protection : Wear appropriate mask

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Clear

Odor : Characteristic Clean

Odor threshold : No data available

pH : 12.0 +/- .5

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : Not Applicable

Freezing point : No data available

Boiling point : 212 - 220 °F

Flash point : ≥ 200 °F

Voc : <50gr/liter in concentrate

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapor pressure : No data available

Relative vapor density at 20 °C : Same as water

Relative density : No data available

Solubility : Soluble in water. :

Water: Solubility in water of component(s) of the mixture : Complete

Log Pow : No data available

Log Kow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

- 10.1. Reactivity :
10.2. Chemical stability :Stable under normal conditions. Not established.
10.3. Possibility of hazardous reactions :Not established.
10.4. Conditions to avoid :Extremely high or low temperatures.
10.5. Incompatible materials :Strong acids. Strong bases.
10.6. Hazardous decomposition products fume. :Not established

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed. Harmful in contact with skin.

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Sodium Metasilicate	LD50 Oral	Rat	1153 mg/kg	-
	LD50 Oral	Mouse	770 mg/kg	-
Surfactant Blend	n/d		n/d	

#1010

ATE US (oral)	Not calculated
ATE US (Dermal)	Not calculated

SECTION 12: Ecological information

- 12.1. Toxicity
12.2. Persistence and degradability : Not established.
12.3. Bioaccumulative potential : Not established.
12.4. Mobility in soil : No additional information available
12.5. Other adverse effects : Effect on ozone layer : No additional information available
Effect on the global warming : No known ecological damage caused by this product.
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

Transport document description :

Transport by sea :Not regulated. No additional information available

Air transport :Not regulated. No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

Other information : None.

Full text of H-phrases: see section 16:

HMIS III Rating

Health : 2

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : B

Revision date : 01/01/15

Other information : None.

SDS US (GHS HazCom 2012)