

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 Restorer
Alternative name : EBC Restorer
Product code : EBCRestorer

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

Skin Corrosion/Irritation	Category 1B
Serious Eye Damage/Eye Irritation	Category 2A
Acute Toxicity, Oral	Category 4
Acute Toxicity, Inhalation	Category 4

2.2 Label Elements



Hazard Pictograms (GHS-US)

Signal word (GHS-US) Danger

Physical State: Liquid

Hazard Statements

Causes severe skin burns and eye damage
Causes serious eye irritation
Harmful in contact with skin
Harmful if swallowed
Harmful if inhaled

Precautionary Statements – Prevention

Do not breathe vapors
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response

If SWALLOWED: Do NOT induce vomiting, Rinse mouth.
If ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before reuse.

If INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/physician.

If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell

2.3 Other hazards

Do NOT mix solution with BLEACH/SODIUM HYPOCHLORITE (NaClO)

SECTION 3: Composition/information on ingredients		
Name	CAS No.	Weight %
Organic Salt	506-89-8	25-95
Cocamidopropyl Betaine	61789-40-0	1-10

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 Inhalation : Remove to fresh air

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 : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media : Not determined.

5.2. Special hazards :Not flammable or combustible

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. Keep container closed when not in use.

Incompatible products : Strong acids.

Incompatible materials : Sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Organic Salt 506-89-8	NE	NE	NE

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 : Red or Clear Liquid

Odor : Slight odor

Odor threshold : No data available

pH : <2

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

Melting point : 212 F

Freezing point : No data available

Boiling point : Not determined

Flash point : Not determined

Voc : <50gr/liter in concentrate
 Auto-ignition temperature : No data available
 Decomposition temperature : No data available
 Flammability (solid, gas) : Non flammable
 Vapor pressure : Not determined
 Relative vapor density at 20 °C : Same as water
 Specific Gravity : 1.2-1.3g/L
 Solubility : Complete
 Water: : Solubility in water of component(s) of the mixture
 Solubility in other solvents : Not determined
 Partition Coefficient : Not determined
 Autoignition Temperature : Not determined
 Decomposition Temperature : Not determined
 Kinematic Viscosity : Not determined
 Dynamic Viscosity : Not determined
 Explosive Properties : Not determined
 Oxidizing Properties : Not determined

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity : Not reactive under normal conditions
 10.2. Chemical stability : Stable under recommended storage conditions
 10.3. Possibility of hazardous reactions : None under normal processing
 10.4. Conditions to avoid : Keep out of reach of children
 10.5. Incompatible materials : Strong acids
 10.6. Hazardous decomposition products fume. : Not established

SECTION 11: Toxicological information

11.1. Information on likely routes of exposure

Product Information

Inhalation : Avoid breathing vapors or mists
 Eye Contact : Causes serious eye irritation
 Skin Contact : Causes skin irritation
 Ingestion : Do not taste or swallow

Component Information

Chemical Name	Oral LD50	Dermal LD 50	Inhalation LC50
Organic Salt 506-89-8	=1100 mg/kg (Rat)	No Data Available	No Data Available
Cocamidopropyl Betaine 61789-40-0	=2335 mg/kg (Rat)	>2g/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Numerical Measures of Toxicity

Not determined

SECTION 12: Ecological information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Organic Salt 506-89-8	–	–	–	70-100: 72 h Daphnia magna mg/L EC50

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Bioaccumulation

Not determined

Mobility

Chemical Name	Partition Coefficient
Organic Salt 506-89-8	No Data Available

Other Adverse Effects

Not Determined

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. Non-Hazardous Product

SECTION 15: Regulatory information

International Inventories

Not determined

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL – Canadian Domestic Substances List/Non-Domestic Substances Act

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

U.S. Federal Regulations

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 – Threshold Values %
No Products Found	-	-	-

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
No Products Found	-	-	-

SECTION 16: Other information

NFPA	<u>Health Hazards</u>	<u>Flammability</u>	<u>Instability</u>	<u>Special Hazards</u>	<u>Personal Protection</u>
	Not determined	Not determined	Not determined	Not determined	Not Determined
HMIS	<u>Health Hazards</u>	<u>Flammability</u>	<u>Instability</u>	<u>Special Hazards</u>	<u>Personal Protection</u>
	Not determined	Not determined	Not determined	Not determined	Not Determined

Revision date : 09/03/2020

Other information : None.