



Safety Data Sheet

EMERGION

Revision date: 2019/03/21

Version: 3.0

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(3002/MSDS_EME/EN)

1. Product and Company Identification

Company:

Geoquímica Industrial IBCER SA de CV
Carr. Internacional Km 1619.5
Zona Industrial, Los Mochis, Sinaloa, Mexico C.P. 81255
www.ibcer.com info@ibcer.com

Emergency Response Information

52-668-815-6486

Internal code number: 0111

Chemical family: Organic Acids

Product name: *Emergion*

Chemical Name / Synonyms: Carboxylic Acids, Lignosulfonic Acid

2. Hazards Identification

EMERGION

2	HEALTH
1	FLAMMABILITY
0	INSTABILITY
CORROSIVE	

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Hazard class	Hazard class and category	Hazard statement
Acute toxicity (oral)	Not classified	H302
Acute toxicity (dermal)	Not classified	H313
Skin corrosion/irritation	Skin corr. 1B	H313
Serious eye damage/eye irritation	Eye dam.1	H318
Skin sensitization	Skin sens. 1B	H317
Specific target organ toxicity repeated exposure	STOT RE 1	H372

Hazard statements

H302 Harmful if swallowed

H313 May be harmful in contact with skin

H318 Causes serious eye damage

H317 May cause an allergic skin reaction

H372 Causes damage to organs through prolonged or repeated exposure

3. Composition and information on ingredients

Description

Soil Conditioner (liquid)

Composition

Name	% by weight	CAS #
Carboxylic acids	33.4%	N/A
Lignosulfonic acid	7.8%	8061-53-8

Carboxylic acids in this formulation can also be found naturally in agricultural soils and in some fruits.
Lignosulfonic acid (acid fraction of lignosulfonate) is wood cellulose extract (coming from lignine).

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4. Health and hazard data

Emergency and first aid procedures:

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. Do NOT allow victim to rub or keep eyes closed.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing soaked and/or stained clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation: Negative effects by inhalation: Moderate or little. Remove to fresh air. Get medical aid in case of discomfort. If breathing is difficult give oxygen. If not breathing, give artificial respiration; get medical attention.

Notes to Physician: Treat symptomatically and supportively.

5. Fire fighting measures

Flammability: May be slightly combustible at high temperature.

Fire hazards in presence of various substances: Very slightly flammable in presence of heat. Non-flammable in presence of shocks.

Explosion hazards in presence of various substances: Slightly explosive in presence of open flames and sparks.

Fire fighting media and instructions: SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray or foam. Do not use water jet.

Hazardous combustion products: nitrogen oxides, carbon monoxide, carbon dioxide.

6. Accidental release measures

Handling precautions

Assure sufficient ventilation.

Wear protective clothing.

Environmental precautions

Avoid flowing into drainage system or water bodies.

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Method for cleaning up

Collect spilled material, using an absorbent material.

Disposal of residues in accordance with current regulations of the authority on the subject.

7. Handling and storage

Handling

See section 8 / personal protective equipment.

Assure proper room ventilation.

Keep fire extinguishers according to general safety regulations.

Storage

Keep containers tightly closed in a cool, well ventilated place.

Store away from clothing, food, drink, forage and animal food stuffs.

8. Exposure controls/personal protection

Personal Protection

General protective and hygiene measures.

Assure sufficient ventilation.

Avoid contact with skin and eyes.

Remove soaked and/or stained clothing immediately.

Do not smoke, eat or drink during working time.

Wash hands before and after work.

Respiratory protection

Not applicable

Hand protection

Latex or rubber gloves

Eye protection

Safety goggles

Body protection

Work clothe

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9. Physical and chemical properties

Physical State: Liquid.
Appearance: Dark brown liquid.
Odor: Slightly alcohol, associated with dark woods.
PH: 3.3 - 3.9
Boiling Point: 217.4 °F
Freezing/Melting Point: N/A
Evaporation Rate: N/A
Solubility: 100%
Specific Gravity/Density: 1.15g/cm³

10. Stability and reactivity

Chemical stability: Stable under normal temperatures and pressures.
Reactivity: Strong oxidizing agents may react violently with a slight probability of explosion.
Possibility of hazardous reaction: No known hazardous reactions.
Materials and conditions to avoid: Oxidizing agents, alkalis, ammonia, reducing agents. Static load, sparks, heat, other sources of ignition.
Hazardous decomposition products: At high temperatures, can generate moderate emissions of carbon oxides (CO, CO₂).
Hazardous polymerization: Will not occur.

11. Toxicological information

Acute toxicity estimate (ATE):
LD50 oral 5,000 mg/kg
LD50 dermal 11,800 mg/kg
Skin corrosion/irritation
May be harmful in contact with skin
Serious eye damage /eye irritation
Causes serious eye damage
Respiratory or skin sensitization
May cause an allergic skin reaction
Germ cell mutagenicity
Shall not be classified as germ cell mutagenic
Carcinogenicity
Shall not be classified as carcinogenic

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Reproductive toxicity

Shall not be classified as a reproductive toxicant

Specific target organ toxicity – single exposure

Shall not be classified as a specific target organ toxicant (single exposure)

Specific target organ toxicity – repeated exposure

Causes damage to organs through prolonged or repeated exposure

Aspiration hazard

Shall not be classified as presenting an aspiration hazard

12. Ecological information

Aquatic toxicity (acute)

LC50 fish 425mg/l

This product has the capacity for performing reactions with other organic compounds in the environment; generating other useful organic compounds for the biological processes.

13. Disposal considerations

Product

Can be reused for agricultural purposes, or dispose in accordance with current regulations of the authority on the subject.

Containers

Can be intended for recycling.

Do not dump empty containers on rivers, lakes, lagoons or other water bodies.

14. Transport information

Place on pallet or floor, maximum stacking height: 3 units.

Keep the container tightly closed, in its vertical position, with lid on top.

Avoid exposure to high temperatures.

Transport hazard class: 8 (corrosive substances)

Packing group: III (Substance presenting low danger)

UN number : 3265

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15. Other regulatory information

WHMIS (Canada): Not controlled under WHMIS (Canada).
Specific toxic chemical listings: Not listed.
Health hazard: 2
Fire hazard: 1
Instability: 0
Specific hazard: Corrosive

16. Other information

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