

SAFETY DATA SHEET

Date Accessed: 04/19/2024

Date Revised: 01/15/2022

SECTION 1. IDENTIFICATION

Product Name: Sodium Naphthenate

Product Number: All applicable American Elements product codes, e.g. NA-NAPH-01-SLD

CAS #: 61790-13-4

Relevant identified uses of the substance: Scientific research and development

Supplier details:

American Elements
10884 Weyburn Ave.
Los Angeles, CA 90024
Tel: +1 310-208-0551
Fax: +1 310-208-0351

Emergency telephone number:

+1 800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

GHS classification

PHYSICAL HAZARDS Not classified

HEALTH HAZARDS Not classified

ENVIRONMENTAL HAZARDS

Acute aquatic hazard Category 2

Long-term aquatic hazard Category 2

GHS label elements, including precautionary statements

Pictograms or hazard symbols



Signal word No signal word

Hazard statements

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

Precautionary statements:

[Prevention] Avoid release to the environment.

[Response] Collect spillage.

[Disposal] Dispose of contents/container through a waste management company authorized by the local government.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Substance

Synonyms: Naphthenic Acid Sodium Salt

Chemical Formula: ----

Notice Through Official Gazettes Reference Number

ENCS: (9)-1758

ISHL: Official announcement chemistry substance.

SECTION 4. FIRST AID MEASURES

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

Get medical advice/attention if you feel unwell.

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: 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.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and airtight goggles.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media:

Dry chemical, foam, water spray, carbon dioxide.

Precautions for firefighters: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

Special protective equipment for firefighters:

When extinguishing fire, be sure to wear personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Keep people away from and upwind of spill/leak.

Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions: Be careful not to let it flow into rivers, etc., since adverse effects on the environment are concerned.

Methods and materials for containment and cleaning up:

Sweep dust to collect it into an airtight container, taking care not to disperse it.

Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment.

Prevent dispersion of dust. Wash hands and face thoroughly after handling.

Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool and dark place.

Store under inert gas.

Protect from moisture.

Store away from incompatible materials such as oxidizing agents.

Hygroscopic

Packaging material: Comply with laws

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Control parameters: Not set up

Personal protective equipment

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C): Solid

Form: Crystal- Powder

Color: Very pale yellow - Pale yellow

Odour: No data available

pH: No data available

Melting point/freezing point: No data available

Boiling point/range: No data available

Flash point: No data available

Flammability or explosive

limits:

Lower: No data available

Upper: No data available

Relative density: No data available

Solubility(ies):

[Water] No data available

[Other solvents] No data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under proper conditions.

Possibility of hazardous reactions: No special reactivity has been reported.

Incompatible materials: Oxidizing agents

Hazardous decomposition products: carbon monoxide, carbon dioxide etc.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye

damage/irritation:

No data available

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC = No data available

NTP = No data available

Reproductive toxicity: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish: 48h LC50:6.78 mg/L (*Oryzias latipes*)

Crustacea: No data available

Algae: No data available

Persistence / degradability: 33 - 58 % (by BOD), 23 % (by TOC), 27 % (by GC)

*The substance was determined as "Non-biodegradability" under the Chemical Substances Control Law.

Bioaccumulative potential(BCF):

1.6 - 4.4 (conc. 0.5 mg/L), 10 - 13 (conc. 0.05 mg/L)

*The substance was determined as "Low bioconcentration " under the Chemical Substances Control Law.

Mobility in soil

Log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law constant(PaM³/mol):

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material

with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system.

Observe all federal, state and local regulations when disposing of the substance.

SECTION 14. TRANSPORT INFORMATION

DOT (US):

UN number: UN3077

Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.

Class or Division: 9 Miscellaneous hazardous material
Packing Group: III
IATA:
UN number: UN3077
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.
Class or Division: 9 Miscellaneous hazardous material
Packing Group: III
IMDG:
UN number: UN3077
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.
Class or Division: 9 Miscellaneous hazardous material
Packing Group: III
EmS number: F-A, S-F

SECTION 15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA 8b.):
This product is ON the EPA Toxic Substances Control Act (TSCA) inventory.
US Federal Regulations
CERCLA Hazardous substance and Reportable Quantity:
SARA 313: Not Listed
SARA 302: Not Listed
State Regulations
State Right-to-Know
Massachusetts Not Listed
New Jersey Not Listed
Pennsylvania Not Listed
California Proposition 65: Not Listed
Other Information
Other Information
NFPA Rating:
Health: 1
Flammability: 0
Instability: 0
HMIS Classification:
Health: 1
Flammability: 0
Physical: 0
International Inventories
Canada: DSL On DSL
EC-No: 263-108-9

SECTION 16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED

GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.