SECTION 1. IDENTIFICATION

Product Identifier: Zinc Oleate, 8.5-10.5% Zinc

Product Code: ZN-OLE-01.C

CAS Number: 557-07-3

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: Domestic, North America +1 800-424-9300 International +1 703-527-3887

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)
GHS07
Acute Tox. 4 H302 Harmful if swallowed.
Eye Irrit. 2A H319 Causes serious eye irritation.
Hazards not otherwise classified
No data available
GHS label elements
GHS label elements, including precautionary statements
Hazard pictograms

GHS07
Signal word
Warning
Hazard statements
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
Precautionary statements
P280
Wear protective gloves/protective clothing/eye protection/face protection.
P264
Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing.
P301+P312
IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell.
P337+P313
If eye irritation persists: Get medical advice/attention.
P501
Dispose of contents/container in accordance with local/regional/national/international regulations.

WHMIS classification
D2B - Toxic material causing other toxic effects
Classification system
HMIS ratings (scale 0-4)
(Hazardous Materials Identification System)
Health (acute effects) = 2
Flammability = 0
Physical Hazard = 1
Other hazards
Results of PBT and vPvB assessment
PBT: N/A
vPvB: N/A

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS
CAS: 557-07-3
Description: Zinc Oleate
EINECS No: N/A

SECTION 4. FIRST AID MEASURES
An antidote is a substance intended to counteract the effect of a poison. It should be administered only
by a physician or trained emergency personnel. Medical advice can be obtained from a POISON
CONTROL CENTER.
In case of contact: Flush eyes continuously with water for 15-20 minutes. Flush skin with water for
15-20 minutes.
If no burns have occurred-use soap and water to cleanse skin.
If inhaled remove patient to fresh air. Administer oxygen if patient is having difficulty breathing.
If patient has stopped breathing administer artificial respiration.
If patient is in cardiac arrest administer CPR.
Continue life supporting measures until medical assistance has arrived.

SECTION 5. FIREFIGHTING MEASURES
Flash Point: N/A
Extinguishing Media: Carbon dioxide, dry chemical powder or spray.
Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Auto Ignition: N/A
SECTION 6. ACCIDENTAL RELEASE MEASURES

Spills or leaks: Evacuate area. Wear appropriate OSHA regulated equipment. Ventilate area. Absorb on vermiculite or similar material. Sweep up and place in an appropriate container. Hold for disposal. Wash contaminated surfaces to remove any residues. Remove contaminated clothing and wash before reuse.

SECTION 7. HANDLING AND STORAGE

Handling:
This chemical should be handled only in a hood. Eye shields should be worn. Use appropriate OSHA/MSHA approved safety equipment. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling.

Storage:
Store in a cool dry place. Store only with compatible chemicals. Keep tightly closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL (TWA): N/A
ACGIH TLV (TWA): N/A
ACGIH TLV (STEL): N/A

Personal Protective Equipment

Eyes: Wear safety glasses.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to minimize contact with skin.
Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 requirements must be followed whenever workplace conditions warrant a respirator's use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Color: White
Phase: Powder
Melting Point: 70ºC
Boiling Point: N/A
Density: N/A
Evaporation Rate (Butyl acetate-1): N/A
Vapor Pressure: N/A
Vapor Density: N/A
Odor: N/A
Solubility in water: Insoluble (immiscible)
Molecular Weight: N/A
SECTION 10. STABILITY AND REACTIVITY

Incompatible with strong oxidizing agents. Decomposition liberates toxic fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

RTECS: ZH4797000
Oral Rat or Mouse LD50: N/A
Dermal Rat or Mouse LD50: N/A
Rat or Mouse LC50: N/A
Carcinogenicity
OSHA: No
IARC: No
NTP: No
ACGIH: No
NIOSH: No
Other: No
California Proposition 65 info: Not Listed

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
Environmental Fate: Not Available

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with Federal, State and Local regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number: UN3077
Class: 9
Packing Group: III
Proper Shipping Name: Environmentally Hazardous Substance, Solid, n.o.s.*(Zinc Oleate)

SECTION 15. REGULATORY INFORMATION

National regulations
All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory.
All components of this product are listed on the Canadian Domestic Substances List (DSL).
California Proposition 65
Prop 65 - Chemicals known to cause cancer
Substance is not listed.
Prop 65 - Developmental toxicity
Substance is not listed.
Prop 65 - Developmental toxicity, female
Substance is not listed.
Prop 65 - Developmental toxicity, male
Substance is not listed.
Information about limitation of use:
For use only by technically qualified individuals.
Other regulations, limitations and prohibitive regulations
Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006.
Substance is not listed.
The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the market and use must be observed.
Substance is not listed.
Annex XIV of the REACH Regulations (requiring Authorisation for use)
Substance is not listed.
Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

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 1997-2016 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.