

Disperso II Zinc Stearate

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer The Norac [®] Company, Inc. P.O. Box 577 South 405 South Motor Avenue Azusa, CA 91702	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): COAD [®] 20 Zinc Stearate Disperso II	Chemical Name: Zinc stearate.
Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.	Application of the substance/the preparation: Lubricant and/or stabilizer for plastics and rubber.
Issued By: Sovereign Chemical Company According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS	Date of Issue: April 15, 2024

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
 Information in accordance with US 29 CFR 1910.1200 (Hazcom 2012) and Regulation (EC) No 1272/2008
 OSHA Required Statement: WARNING – May form combustible dust concentrations in the air.

Label elements
 Labeling according to Regulation (EC) No 1272/2008
 This product does not have a classification according to the CLP regulations.
 Hazard pictograms: Not regulated.
 Signal word: Not regulated.
 Hazard-determining components of labeling: None
 Hazard statements: Not regulated.
 Additional information: Safety data sheet available on request.
 Hazard description

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No	EC No	Weight %	Classification
Zinc Stearate	557-05-1	209-151-9	>95%	N/A
Surfactant	Proprietary	N/A	<5%	N/A

The remaining unspecified ingredients are impurities and are not hazardous.

4. FIRST AID MEASURES

Description of first aid measures

General information: No special measures required.

After inhalation

Remove to fresh air, if coughing, breathing becomes labored, irritation develops or other symptoms develop, seek medical attention at once, even if symptoms develop several hours after the exposure.

After skin contact

Remove any contaminated clothing.

Wash thoroughly with water and soap.

If irritation or adverse symptoms develop, seek medical attention.

After eye contact

Remove any contact lenses at once.

Flush eyes with running water.

Ensure adequate flushing by separating the eyelids with fingers.

If irritation or adverse symptoms develop, seek medical attention.

After swallowing

Rinse mouth and drink plenty of water.

If symptoms persist consult a doctor.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Water spray, foam, carbon dioxide or dry chemical.

For safety reasons, unsuitable extinguishing agents: None.

Special hazards arising from the substance or mixture

Burning will produce carbon dioxide, carbon monoxide, and metal oxides. Firemen should be equipped with SCBA with a full-face piece operated in the positive pressure demand mode with appropriate turnout gear and chemical resistant personal protective equipment. Concentrated dust may present an explosion hazard.

Advice for firefighters

Protective equipment

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information: No further relevant information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Reduce airborne dust and prevent scattering by moistening with soapy water.

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up

Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with soapy water. Pick up spill for recovery or disposal and place in a closed container.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid dust formation and control ignition sources. Employ grounding, venting, and explosion relief provisions in accord with accepted engineering practices in any process of capable of generating dust and/or static electricity. Empty only into inert or non-flammable atmosphere. Emptying contents into a non-inert atmosphere where flammable vapors may be present could cause a flash fire or explosion due to electrostatic discharge. Do not use near food or drink. Avoid eye contact. Use with adequate ventilation. Wear personal protection equipment recommended in Section 8. Reseal containers immediately after use.

Conditions for safe storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Do not store with food or drink

Other Precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS

OSHA Permissible Exposure Limit (PEL): 15 mg/m³ total dust.
 ACGIH Threshold Limit Value (TLV): 10 mg/m³ for total dust for stearates.

RESPIRATORY PROTECTION

Work ambient concentrations should be monitored and if airborne concentrations are expected to exceed acceptable levels, wear a NIOSH/MSHA approved dust air-purifying respirator. When using respirators, refer to OSHA's 29 CFR 1910.134.

VENTILATION

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure.

EYE PROTECTION

Safety goggles recommended. Permanent eyewash is highly recommended.

HAND PROTECTION

Protective gloves recommended.

OTHER

Emergency showers and eye wash stations should be available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties
 General Information

Appearance Form: Powder. Color: White.	Change in Condition Melting point/Melting range: 120-130°C. Boiling point/Boiling range: Not established.
Odor: Slight fatty.	Octanol/Water Partition Coefficient: 1.2 log POW.
Odor threshold: Not determined.	pH value at 20 °C: Not applicable.

Vapor Pressure: Not applicable.	Flash point: >350°F/177°C, C.O.C.
Specific gravity: 1.0	Flammability (solid, gaseous): Not applicable.
Relative density: Not determined.	Ignition temperature: >700°F/371°C.
Vapor density: Not applicable.	Decomposition temperature: Not determined.
Evaporation rate: <1 (ether = 1).	Self-igniting: Not determined.
Solubility in / Miscibility with water: Insoluble	Dust deflagration index: Kst 252 bar-m/sec.
Viscosity Dynamic: Not applicable. Kinematic: Not applicable.	Explosion limits Lower: 0.035 oz./ft ³ . Upper: Not determined.

10. STABILITY AND REACTIVITY

REACTIVITY

No further information available

CHEMICAL STABILITY

Stable under ordinary conditions of use and storage.

INCOMPATIBLE MATERIALS

Strong oxidants, strong bases, acids, peroxides.

CONDITIONS TO AVOID

Material as supplied is not explosive. Avoid suspending dust in the air. Ground all equipment to avoid static discharge. Suspended dust may be explosive.

HAZARDOUS DECOMPOSITION PRODUCTS

None when stored and handled as instructed. Carbon dioxide, carbon monoxide, and metal oxides if burned.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Oral: Rat-LD50: >10,000 mg/kg

SKIN CORROSION/IRRITATION

Not classified as corrosive or an irritant

SERIOUS EYE DAMAGE/IRRITATION

Not classified as corrosive or an irritant

RESPIRATORY OR SKIN SENSITIZATION

Not classified as respiratory or skin irritant

GERM CELL MUTAGENICITY

Not classified as a germ cell mutagen

This material is not listed in the National Toxicology Program Report on Carcinogens

This material has not been found to be a carcinogen by the International Agency for Research on Cancer (IARC)

This material has not been found by OSHA to be a carcinogen or potential carcinogen

REPRODUCTIVE TOXICITY

Not classified as a reproductive toxin

STOT-SINGEL EXPOSURE

Not classified as a target organ toxin

STOT-REPEATED EXPOSURE

Not classified as a target organ toxin

ASPIRATION HAZARD

Not classified as an aspiration hazard

12. ECOLOGICAL INFORMATION**AQUATIC TOXICITY**

No data available

NOEC (STATIC)**PERSISTENCE AND DEGRATABILITY**

No data available

BIOACCUMULATIVE POTENTIAL

No data available

POTENTIAL MOVEMENT FROM SOIL TO GROUNDWATER

No data available

OTHER ADVERSE EFFECTS

No data available

13. DISPOSAL CONSIDERATIONS

Prevent material from entering drains, sewers, streams, etc.

Immediately dispose of waste material in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**UN-Number**

DOT, ADR, ADN, IMDG, IATA Not regulated.

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA Not regulated.

Transport hazard class(es)
DOT, ADR, ADN, IMDG, IATA Class Not regulated.

Packing group
DOT, ADR, IMDG, IATA Not regulated.

Environmental hazards
Marine pollutant No
Special precautions for user Not applicable.

Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code Not applicable.
UN "Model Regulation"

NMFC Classification
Metallic Soaps of Fatty Acid: Item # 45230, Class 65

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

United States (USA)	
SARA Section 355 (extremely hazardous substances)	Ingredients are not listed.
SARA Section 313 (Specific toxic chemical listings)	557-05-1 Zinc stearate.
TSCA (Toxic Substances Control Act)	Ingredients are listed.
Carcinogenic Categories	
EPA (Environmental Protection Agency)	Ingredients are not listed.
IARC (International Agency for Research on Cancer)	Ingredients are not listed.
Canada: Domestic Substances List (DSL)	Ingredients are listed.
Australian Inventory of Chemical Substances (AICS)	Ingredients are listed.
Chinese Inventory of Existing Chemical Substances Manufactured or Imported in China (IECSC)	Ingredients are listed.
European Inventory of Existing Commercial Chemical Substances (EINECS)	Ingredients are listed.
Japanese Existing and New Chemical Substances (ENS)	Ingredients are listed.
Korean Existing Chemicals List (ECL)	Ingredients are listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.