



SOVEREIGN CHEMICAL COMPANY

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Material Safety Data Sheet

Coad Zinc Stearates

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 (continental USA) (1)703-527-3887 (outside continental USA) Norac: 1-818-334-2908 1-800-786-6722
Trade Name(s): Coad 20, Coad 23, Disperso II Zinc Stearate, Coad 27B	MSDS Number: 1632
Chemical Name: Zinc stearate	Synonyms:
Prepared By: Sovereign Chemical Company	Date of Issue: May 14, 2009 Revision Number: 3 (supersedes: December 2, 2003) Change(s): Three year update

2. INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>%</u>	<u>NIOSH</u> <u>(TWA)</u>	<u>OSHA</u> <u>(TWA)</u>
Zinc Stearate	557-05-1	>90	10 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Surfactant*	Proprietary		<5% Prolonged contact may cause eye and/or skin irritation.	

*Only included on Coad Disperso products

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Free flowing white powder with a slight fatty acid odor. Use appropriate personal protective equipment. Do not allow dust to accumulate. Do not mix with strong oxidizing agents.

HMIS Ratings:

Health: 0, Flammability: 1, Reactivity: 0, Personal Protection: E (Safety glasses, gloves, dusk respirator)*

*This is recommended personal protection equipment, final personal protection equipment should be determined by the plant safety department based on the actual conditions under which the product is used.

HMIS Hazard Index: Severe-4, Serious-3, Moderate-2, Slight-1, Minimal-0

NFPA Hazard Ratings: Fire - 1; Health - 0; Reactivity - 0

NFPA Scale: 4 – Extreme, 3 – High, 2 – Moderate, 1 – Slight, 0 – Insignificant

Potential Health Effects:

Eye: Eye contact may cause inflammation.

Skin Contact: May cause irritation and redness of the skin.

Ingestion: Unknown

Inhalation: Nuisance dust.

Carcinogenicity: This product is not recognized as a carcinogen by the IRAC, NTP or OSHA.

Effects of Over-exposure: Not known to aggravate any pre-existing conditions.

4. **FIRST AID MEASURES**

Skin: Wash contaminated area thoroughly with soap and water.

Eye: Immediately flush with large quantities of water for at least 15 minutes and seek medical attention.

Ingestion: Call a poison control center and seek medical attention.

Inhalation: Remove victim to fresh air.

5. **FIRE FIGHTING MEASURES**

Flash Point: >350°F (COC) **LEL:** ND **UEL:** ND **Auto Ignition Temperature:** >700°F

Non-flammable

Use water (fog or spray) dry chemical, CO₂, or foam to extinguish fire. A self contained breathing apparatus (SCBA) operating in the positive pressure mode and full fire fighting protective clothing should be worn for combating fires. All organic dusts or powders can pose dust explosion hazards if dispersed in air. See NFPA 654.

6. **ACCIDENTAL RELEASE MEASURES**

Take up any spilled product by mechanical means and place into sealed containers for proper disposal. Individuals involved in the cleanup should wear appropriate personal protective equipment. See Section 8. Unnecessary personnel should be kept clear of the area. Do not allow dust to accumulate. Do not allow product to enter sewage or ground water. Dispose of waste materials including empty product bags or drums in accordance with Local, State and Federal regulations.

7. **HANDLING AND STORAGE**

Storage Conditions: Do not store near strong oxidizers or at high temperatures. Store in closed containers in a dry environment.

Handling: Good housekeeping and engineering practices should be employed to prevent the generation and accumulation of dusts. Avoid high dust concentrations and all possible ignition sources. Individuals handling this product should wear personal protective equipment specified in Section 8. Plant environment should include controls and equipment specified in Section 8.

8. **EXPOSURE CONTROL - PERSONAL PROTECTION**

Engineering Controls: Local exhaust ventilation should be provided. Design details for local exhaust ventilation systems may be found in the latest edition of "Industrial Ventilation: A Manual of Recommended Practices" published by the ACGIH Committee on Industrial Ventilation, P.O. Box 16153, Lansing, MI 48910. The need for local exhaust ventilation should be evaluated by a professional industrial hygienist. Local exhaust ventilation systems should be designed by a professional engineer.

Respiratory Protection: MSHA/NIOSH approved dust mask recommended, but required if concentration exceeds 10 mg/M³.

Eye Protection: Safety goggles recommended.

Protection Gloves: Protective gloves recommended.

Other Protection Items: None

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical State: Fine white powder	Melt Point: 120-125°C
Vapor Density (Air = 1): NA	Octanol/Water Partition Coefficient: No data available
Vapor Pressure: NA	Evaporation Rate BuOAC = 1: NA
Odor: Slightly fatty	Specific Gravity: 1.09
% Volatile by Volume: 1.0% moisture	Boiling Point: NA
% Solubility (H₂O) : Insoluble for Coad 20, Coad 23, Coad 27B, soluble for Coad Zinc Stearate Disperso II	pH: NA

10. STABILITY AND REACTIVITY

Stability /Polymerization: Stable, hazardous polymerization will not occur.

Incompatibility (conditions to avoid): As with any organic material, do not mix with strong oxidizing agents.

Hazardous Decomposition Products: None

Special Sensitivity: None that are known.

11. TOXICOLOGICAL INFORMATION

LDLo: 250 ng/kg RAT, Intratracheal.

12. ECOLOGICAL INFORMATION

Regulated by the Clean Water Act Toxic Pollutants 40 CFR 401.15, part 403 App.B for zinc compounds (zinc stearate).

13. DISPOSAL CONSIDERATIONS

Product and empty packaging should be disposed of in an EPA approved incinerator or landfill in accordance with all local, state, and/or federal regulations.

CERCLA/RCRA: Because this product is considered a zinc compound (zinc stearate) it is subjected to reporting under -Superfund 40 CFR 302.4.

14. TRANSPORTATION INFORMATION

DOT: Not regulated

Reportable Quantity: Not applicable

Freight Classification: Metallic soaps of fatty acids

Special Transportation Notes: None

15. REGULATORY INFORMATION

SARA Section 313 Title III: Zinc Stearate is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

WHMIS: Reportable quantity 1%.

NTP, IARC, SUBPART Z, Proposition 54 (CA), Clean Air: Not listed.

CERCLA/RCRA: Because this product is considered a zinc compound (zinc stearate) it is subjected to reporting under -Superfund 40 CFR 302.4.

TSCA: Listed on the TSCA inventory

Canadian DSL: All ingredients are listed.

16. OTHER INFORMATION

NE = Not Established

NA = Not Applicable

ND = Not Determined

IMPORTANT SAFETY NOTICE: The information in the Material Safety Data Sheet relates only to the specific material(s) described herein and does not relate to use in combination with any other material or substance or in any process. We believe that the information contained herein is current as of the date of issue of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not within the control of Sovereign Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.

Users of this product should study this Material Safety Data Sheet and become aware of the product hazards and safety information before using the product. Users should also notify their employees, agents, and contractors of the information on this Material Safety Data Sheet and any product hazards and safety information in order to provide safe use of this product.

Sovereign Chemical Company
1225 W. Market Street
Akron, OH 44313

Dear Customer:

Section 313 of SARA Title III (also known as the Emergency Planning and Community Right-to-Know Act, or EPCRA) require certain suppliers of mixtures or tradename products to notify their customers when such mixtures or tradename products contain chemicals listed in Section 313.

This letter constitutes a supplier notification that the following product you ordered contains one or more chemicals on the Section 313 list (*) as noted below:

Product Name:	COAD Zinc Stearates	
Chemical Name (*)	CAS #	% Composition
Zinc Stearate	557-05-1	>90

In addition, an MSDS for this product is enclosed for your use.

If you are a distributor and you sell this product to another customer (s), you are required under Section 313 to furnish the same information and MSDS to that customer (s).

If you have any questions, please do not hesitate to contact our Technical Department at 330-869-0500.

Sovereign Chemical Company