



SOVEREIGN CHEMICAL COMPANY

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Material Safety Data Sheet

OZONOX 47316 Prills

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

SOVEREIGN CHEMICAL COMPANY 1225 West Market Street Akron, Ohio 44313 Phone: 330-869-0500 Fax: 330-869-0500	Emergency Contact : Chemtrec: 1-800-424-9300 (continental USA) (1)703-527-3887 (outside continental USA)
Trade Name(s): OZONOX 47316 Prills	MSDS Number: 1003
Chemical Name: High molecular weight linear, branched, and cyclic hydrocarbons	Synonyms: None
Prepared By: Sovereign Chemical Company	Date of Issue: May 15, 2009 (supersedes May 20, 2005) Revision Number: 9 Change(s): 3 year update

2. INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Percent</u>	<u>NIOSH (TWA)</u>	<u>OSHA (REF)</u>
Proprietary Hydrocarbon Mixture	proprietary	100	2 mg/m ³ (fume, 8 hour)	NE

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White prills. During fire situations, irritating and toxic gases may be released. Material is not known to present a potential environmental hazard. Avoid inhaling fumes.

HMIS Rating: Health – 0, Flammability – 1, Reactivity – 0, Personal Protection Equipment - E - safety glasses, gloves, dust mask

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.

Potential Health Effects:

Eye: Dust and fumes may cause irritation.

Skin Contact: May cause mild irritation.

Skin Absorption: Not known to be absorbed through the intact skin.

Ingestion: Is not expected to be an important route of entry. May cause digestive system upset. May have a laxative effect.

Inhalation: May cause irritation.

Chronic & Carcinogenicity: May cause dermatitis. The product is not known to be carcinogenic. Fumes may aggravate pre-existing respiratory disorders. Dust may aggravate pre-existing skin disorders.

4. FIRST AID MEASURES

Skin: Wash thoroughly with mild soap and water. Seek medical attention if irritation develops. Remove any contaminated clothing and launder thoroughly before reuse.

Eye: Flush with tepid water for at least 20 minutes holding the eyelids wide open. Seek medical attention if irritation develops.

Ingestion: Not expected to be an important route of entry into the body. If large amounts of the product are ingested, give 2 glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention.

Inhalation: Remove exposed person to fresh air. If breathing is difficult, oxygen may be administered. If breathing has stopped, artificial respiration should be started immediately. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: > 230°C/440°F (COC) **LEL:** ND **UEL:** ND **Auto Ignition Temperature:** ND

Use dry chemicals, carbon dioxide, or foam to extinguish fires. Water may be ineffective. Product in or near fires should be cooled with a water spray or fog. A self contained breathing apparatus (SCBA) operating in the positive pressure mode and full fire fighting protective clothing should be worn for combating fires.

6. ACCIDENTAL RELEASE MEASURES

Pick up with suitable implements and return to original container if reusable. If product is not usable, place in an approved container for disposal. Individuals involved in the cleanup should wear appropriate personal protective equipment. See Section 8. Unnecessary personnel should be kept clear of the area. Dispose of following all local, state and federal laws.

Do not store near or with strong oxidizing agents or at high temperatures. Store in closed containers in a dry environment. Good housekeeping and engineering practices should be employed to prevent the generation and accumulation of dusts. Wet mopping or vacuuming with a unit that contains a HEPA filter is recommended to clean up any dusts generated during processing or handling.

7. HANDLING AND STORAGE

Storage Conditions: Do not store near or with strong oxidizing agents 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. Wet mopping or vacuuming with a unit that contains a HEPA filter is recommended to clean up any dusts generated during processing or handling. 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: If concentration is likely to exceed the exposure limits in section 2 a suitable organic vapor mask should be used.

Eye Protection: Chemical protective goggles are recommended where there is a possibility of eye contact with the product. Safety glasses with side shields are recommended for all other operations.

Protection Gloves: Impervious gloves.

Other Protection Items: Protective overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance/Physical State:</i> White prills (solid)	<i>Melt Point:</i> 63-66°C
<i>Vapor Density (Air = 1):</i> Not applicable	<i>Octanol/Water Partition Coefficient:</i> Not determined
<i>Vapor Pressure:</i> Not applicable	<i>Evaporation Rate BuOAC = 1:</i> Not applicable
<i>Odor:</i> None	<i>Specific Gravity:</i> 0.91
<i>% Volatile by Volume:</i> Not applicable	<i>Boiling Point: :</i> > 315°C
<i>% Solubility (H₂O) :</i>	<i>pH:</i> Not applicable
<i>Other:</i> None	

10. STABILITY AND REACTIVITY

Stability /Polymerization: Stable. Hazardous polymerization will not occur.

Incompatibility (conditions to avoid): Water

Hazardous Decomposition Products: Carbon monoxide

Special Sensitivity: None that are known

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: None

Immediate Health Effects: None expected

Delayed Health Effects: None expected

Acute Effects (short term): None expected

Chronic Effects (long term): None expected

12. ECOLOGICAL INFORMATION

Environmentally dangerous ingredients: None

Mobility: Solid

Persistence and degradability: Very slow biodegradation

Bioaccumulative potential: Not available

Aquatic toxicity: Not available

Marine pollutant (IMDG guide): No

13. DISPOSAL CONSIDERATIONS

Disposal of waste materials: Treat as solid, combustible material

Disposal of waste containers: Normal industrial waste

Disposal restrictions: Compliance with local, state, and federal laws and regulations

Statutory notification required See above

14. TRANSPORTATION INFORMATION

D.O.T. Classification: Not regulated

UN Number: None

UN Packaging Group: None

IMDG Classification: Not applicable

Special precautions Re carriage: None required

Symbol: Not applicable

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard 29 CFR 1910.1200: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as notes in Section 2.

NFPA Hazard Ratings: Fire: 1 Health: 0 Reactivity: 0 Specific Hazard: none

NFPA Hazard Ratings Scale:

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

Canadian WHMIS: Complies

Canadian Environmental Protection Act: All components of this product are on the Domestic Substances List (DSL)

SARA Title III:

Section 302 Extremely Hazardous Substance: None

Section 311/312 Hazard Categories: Non-hazardous under Section 311/312

Section 313 Toxic Chemicals: None

RCRA: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

NTP, IARC: Not listed.

CERCLA: No planning or reportable quantities.

TSCA: All ingredients are listed on the TSCA Inventory.

EINECS: All components are on the European Inventory of Existing Commercial Chemical Substances.

State Regulations: There are no know additional requirements necessary for compliance with state Right-To-Know regulations.

16. OTHER INFORMATION

NE = Not Established

NA = Not Applicable

ND = Not Determined

Information contained in this MSDS sheet have been gathered from the following documents:

REG-A-DEX (J.J.Keller & Associates, Inc.)

Environmental Library on CD-ROM (The Bureau of National Affairs, Inc., 1)

NIOSH Pocket Guide to Chemical Hazards,

ACGIH Threshold Limit Values,

HMIS Implementation Manual, 2nd Edition

CFR 49,100-185, October 2003

IARC WEB site

NTP WEB site

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.