

Oxy-Dry
Material Safety Data Sheet
Product # Oxy-20A

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Oxy-Dry Anti-Offset Powder, Type Oxy-20A

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family: Carbohydrate

NON-HAZARDOUS CAS #9005-25-8

SECTION 3: HAZARDS IDENTIFICATION

Nuisance dust with a possibility of dust explosion.

Route of Entry: Eye contact, skin contact, inhalation, and ingestion

Eye: Particulate may scratch eye surfaces/cause mechanical irritation.

Skin Contact: Low order of toxicity

Inhalation: Low order of toxicity

Ingestion: No hazard in normal industrial use.

SECTION 4: FIRST-AID MEASURES

Eye: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Not applicable

SECTION 5: FIRE FIGHTING MEASURES

Auto-Flammability: See fire & explosion hazards

Flash Point: Not applicable

Extinguishing Media: Dry chemical; CO₂; water fog; foam

Special Fire Fighting Procedures: No special procedures are required.

Fire and Explosion Hazards: Minimum ignition temperature of Dust cloud - approximately 390°C. Minimum energy to ignite cloud by electrical spark - approximately 0.10 joules.

HAZARDOUS COMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide

Upper Explosion Limit (%): Not applicable

Lower Explosion Limit (%): Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures: Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

Waste Disposal Methods: Waste disposal should be in accordance with existing Federal, State, and Local environmental regulations. For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

SECTION 7: HANDLING AND STORAGE

Storage Temperature: Ambient

Special Sensitivity: No special sensitivity

Handling/Storage: Store in clean, dry, well-ventilated warehouse away from odorous materials.

Ventilation Requirements: General

Sensitive to Static Electricity: Yes

Sensitivity to Mechanical Impact: No

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT EXPOSURE LIMITS

Starch 10 mg/m³ (ACGIN-TWA)

Ventilation Requirements: General

Eye Protection Requirements: Safety glasses optional

Glove Requirements: Gloves are recommended due to possible irritation.

Clothing Requirements: Not applicable

Respiratory Requirements: Use approved dust mask (NIOSH).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Pure Substance or Preparation: Preparation

Physical Form: Solid

Appearance/Odor: White; starch odor

Odor Threshold: Not available

pH As Is: Not applicable

pH In (1%) Solution: Approx. 5.5

Boiling Point: Not applicable

Melting/Freezing Point: Not applicable

Solubility in Water: Soluble; hot water

Partition Coefficient (n-octanol/water): Not applicable

Bulk Density: ca. 0.5 g/cc

Evaporation Rate: Not applicable

Vapor Pressure (mmHg): Not applicable

Vapor Density (sir=1): Not applicable

Volatiles: None

Volatile Organic Compounds: Not applicable

Auto-Flammability: Not applicable

Flash Point: Not applicable

Oxidizing Properties: Not applicable

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SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Hazardous Decomposition Products: This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICOLOGY

Notes on Eye Irritation: Physical form may cause irritation

Notes on Dermal Toxicity: Non-Hazardous

Notes on Oral Toxicity: Low order of toxicity

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE

Route of entry: Eye contact; skin contact; inhalation; ingestion.

Effects of Chronic Exposure: Not Established

Target Organs: Not applicable

Special Health Effects: None known

SECTION 12: ECOLOGICAL INFORMATION

POTENTIAL EFFECT ON ENVIRONMENT:

Contributes to effluent BOD

Mobility: Unknown

Persistence and Degradability: Biodegradable

Potential to Bio-Accumulate: Low (degrades too rapidly)

Ecotoxicity: Low, but has a BOD contribution

Aquatic Toxicity: None established

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Waste disposal should be in accordance with existing community, national and local regulations.

Empty Container Warnings: Not needed

SECTION 14: TRANSPORT INFORMATION

(See Also Section 9)

ADR/RID: Not applicable

CEFIC Trencard Number: Not applicable

Hazchek Code: Not applicable

Kemmler Code: Not applicable

IMDG Classification: Not applicable

IATA Classification: Not applicable

U.N. Number (5.1.N): Not applicable

U.N. Class, Packing Group: Not applicable

DOT Shipping Name: Modified starch

DOT Hazard Class: Non-Hazardous

DOT Reportable Quantity: Not applicable

SECTION 15: REGULATORY INFORMATION

EEC Hazard Classification: None

Directives 88/379/EEC and 91/155/EEC have been considered when compiling this SDS; an industrial user provides the information for health and safety assessment. Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific uses.

SECTION 16: OTHER INFORMATION

MSDS DATE: January 1, 2004

For regulatory information contact:

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General Manager

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ADDITIONAL INFORMATION

The information given and the recommendations made herein apply to our product. Such are based on our research and on data from other reliable sources and are believed to be accurate, no guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.