

OXIDASE REAGENT

SECTION 1: PRODUCT IDENTIFICATION

Product Name: OXIDASE REAGENT
Product Code: TR 020
CAS#: Not available
CI#: Not available
Synonym: Not available
Chemical Name: OXIDASE REAGENT
Chemical Formula: Not available
Formula Weight: Not available

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: No components need to be disclosed according to the applicable regulations.
Name: Oxidase Reagent
Toxicological Data on Ingredients:
H330, R23; H311, R24; H301, R25; H319, R36; H335, R37; H315, R38.

SECTION 3: HAZARDS IDENTIFICATION

Potential Acute Health Effects: Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Carcinogenic Effects: Not available
Mutagenic Effects: Not available
Teratogenic Effects: Not available
Developmental Toxicity: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION 4: FIRST AID MEASURES

Eye Contact: May cause serious eye irritation. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention if irritation occurs.
Skin Contact: May cause skin irritation. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Serious Skin Contact: May cause skin irritation. Seek medical attention.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation: Seek medical attention.
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Serious Ingestion: Not available

SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature
Auto-Ignition Temperature: Not available
Flash Points: Not available



Flammable Limits: Not available

Products of Combustion: Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x)

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Explosive in presence of open flames and sparks

Fire Fighting Media and Instructions:

Small Fire: Use DRY chemical powder

Large Fire: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Fire is possible at elevated temperatures.

Special Remarks on Explosion Hazards: Not Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill: Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place enclosed containers for disposal. Ventilate area.

Large Spill: Corrosive solid. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place enclosed containers for disposal. Ventilate area.

SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

Storage: Material is hygroscopic. Keep container tightly closed. Store in cool, dry place

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance Form	: Liquid
Odour	: No data available
Taste	: No data available
Molecular Weight	: No data available
Colour	: Blackish purple
pH	: No data available
Boiling Point	: No data available
Melting Point	: No data available
Critical Temperature	: Not Available
Relative Density	: Not Available
Vapor Pressure	: Not Applicable
Vapor Density	: Not Available
Volatility	: Not Available

Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Solubility	: Not Available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is stable.

Instability Temperature: Not available

Conditions of Instability: Excess heat, dust generation

Incompatibility with various substances: Reactive with oxidizing agents

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available

Special Remarks on Corrosivity: Not available

Polymerization: Not available

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation. Ingestion

Toxicity to Animals:

LD₅₀: Rabbit- skin- 10mg/24H.

LC₅₀: Not Available

Chronic Effects on Humans: Not Available

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation

Special Remarks on Toxicity to Animals: Not available

Special Remarks on Chronic Effects on Humans: Avoid prolonged or repeated inhalation of vapor..

Special Remarks on other Toxic Effects on Humans:

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: Not available

BOD and COD: Not available

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available

Special Remarks on the Products of Biodegradation: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable

Special Provisions for Transport: Not applicable.

SECTION 15: OTHER REGULATORY INFORMATION



Federal and State Regulations: TSCA 8(b) inventory: Not available

Other Regulations: Not available

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSD (EEC):

This product is not classified according to the EU regulations. Not applicable

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 0

Specific hazard: Not Available

Protective Equipment: Gloves, Lab coat, Safety glasses, Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place enclosed containers for disposal. Ventilate area - be sure to use an approved/certified respirator or equivalent.

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements.

H301, R25 – Toxic if swallowed.

H311, R24 – Toxic in contact with skin.

H319, R36 – Cause serious eye irritation.

H315, R38 – Cause skin irritation.

H335, R37 – May Cause respiratory irritation.

H330, R23 – Fatal if inhaled.

Other Special Considerations: Not available

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