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OIL RED O CERTIFIED

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION:

Synonyms: Solvent Red 27; C.I. 26125.

CAS No: 1320-06-5

Molecular Weight: 408.51

Chemical Formula: C₂₆H₂₄N₄O

2.COMPOSITION, INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Oil Red O	1320-06-5		No

3. HAZARDOUS IDENTIFICATION:

Emergency Overview

Appearance: Dark greenish-brown to black to bluish-red powder. **Caution!** May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Target Organs:

Potential Health Effects

Eyes: May cause eye irritation.

Skin: May cause skin irritation. May be harmful if absorbed through skin.

Ingestion: May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.

4. FIRST AID MEASURES:

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin: In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothes and shoes. Get medical attention if irritation develops or persists.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls water or milk to drink. **Do NOT** induce vomiting. **NEVER** get anything by mouth to an unconscious person. Get medical attention if irritation or symptoms appears.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES:

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use water spray to cool fire exposure containers.

Flash Point: No data available.

Auto-ignition Temperature: No data available.

Explosion Limits, Lower: No data available.

Upper: No data available.

NFPA RATING: (estimated) Health: 0; Flammability: 0; Instability: 0.

6. ACCIDENTAL RELEASE MEASURES:

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions.

7. HANDLING AND STORAGE:

Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage: Keep container tightly closed in a dry and well-ventilated place. Keep away from incompatible substances.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

<u>Chemical Name</u>	<u>ACGIH</u>	<u>NIOSH</u>	<u>OSHA –Final PEL's</u>
Oil Red O	None listed	None listed	None listed

OSHA Vacated PELs: Oil Red O: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA'S eye and face protection regulation in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 20CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Powder

Appearance: Dark greenish-brown to black to bluish-red powder.

Odor: No data available

Freezing/Melting Point: 120°C (248 °F) – decomposes on heating.

pH: No data available.

Vapor Pressure (mm Hg): No data available.

Vapor Density (Air = 1): No data available.

Evaporation Rate: No data available.

Viscosity: No data available.

Boiling Point: No data available.

Decomposition Temperature: No data available.

Solubility: Water soluble.

Specific Gravity/Density: No data available.

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Material: Strong oxidizing agents.

Hazardous Decomposition Products: Nitrogen oxides, carbon oxides.

Hazardous Polymerization: Has not been reported.

11. TOXICOLOGICAL INFORMATION:

RETCS#: CAS#1320-06-5: Unlisted

LD50/LC50: CAS#1320-06-5: Not available.

Carcinogenicity: CAS#1320-06-5: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: No information available.

Other Studies: None.

12. ECOLOGICAL INFORMATION:

Environmental Fate: No information available.

Environmental Toxicity: No data available.

13. DISPOSAL CONSIDERATIONS:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3.

Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed

RCRA U-Series: None listed.

14. TRANSPORT INFORMATION:

Not regulated.

15. REGULATORY INFORMATION:

US FEDERAL

TSCA CAS#1320-06-5 is listed on the TSCA inventory.

Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule.

Section 12b None of the chemicals are listed under TSCA Section 12b

TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA.

SARA

CERCLA Hazardous Substances and corresponding RQs None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act None of the chemicals in this product are listed a Hazardous Substance under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA None of the chemicals in this product are considered highly hazardous by OSHA.

STATE CAS#1320-06-5 is not present on state lists from CA, PA, MA, MN, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are listed.

EUROPEAN/INTERNATIONAL REGULATIONS

European Labeling in Accordance with EC Directives

Hazardous Symbols: Not available.

Risk Phrases: Not available.

Safety Phrases: S24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection) CAS#1320-06-5: No information available.

Canada – DSL/NDSL CAS#1320-06-5 is listed on Canada’s DSL List.

Canada – WHMIS This product has a WHMIS classification of Not controlled.

Canadian Ingredient Disclosure List CAS#1320-06-5 is not listed on Canada’s Ingredient Disclosure List.

Exposure Limits

16. DISCLAIMER INFORMATION:

DISCLAIMER:

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