

W. D. LOCKWOOD®

81-83 FRANKLIN ST. NYC, NY 10013
PHONE: 866.293.8913 FAX: 212.274.9616
WWW.WDLOCKWOOD.COM

MATERIAL SAFETY DATA SHEET

NFPA Rating:	Health: 0	Flammability: 1	Instability: 0	
HMIS Rating:	Health: 0	Flammability: 0	Physical Hazard: 0	Personal Protection: X

1. PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: # 5440 Ruby or Ox-Blood Red Conc.
Chemical Family: Monoazo
Intended Use: For Dyeing / Staining Wood
Manufacturer / Supplier: W.D. Lockwood & Co., Inc. | 81-83 Franklin St. | NYC, NY 10013
Tel: 212.966.4046 | www.wdlockwood.com

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word:	Notice!
Physical Form:	Powder
Odor:	Odorless
Health:	This product has no known adverse effect on human health.
Physical Hazards:	Refer to MSDS Section 7 for Dust Explosion information.

OSHA Hazardous Substance: This material is classified as not hazardous under OSHA regulation

Potential Health Effects: No known hazards

Primary Route(s) of Entry: Ingestion, Skin, Inhalation, Eyes.

W. D. LOCKWOOD®

81-83 FRANKLIN ST. NYC, NY 10013
PHONE: 866.293.8913 FAX: 212.274.9616
WWW.WDLOCKWOOD.COM

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material does not contain any hazardous components above OSHA thresholds

4. FIRST AID MEASURES

Eyes: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin: Wash off immediately with soap and plenty of water. Get medical attention if irritation occurs.

Inhalation: Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Fire Fighting Measures: Standard procedures for chemical fires.

Suitable Extinguishing Media: Carbon Dioxide, dry chemical, foam or water mist.

Fire Fighting Equipment: Wear self-contained breathing apparatus and protective suit.

Unusual Hazards: The product can form an explosive dust/air mixture. For further information, see section 7 Explosion Hazards

Hazardous Combustion Products: Burning may produce toxic combustion products.

6. ACCIDENTAL RELEASE MEASURES

Cleanup Instructions: Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Wear suitable protective equipment. Should not be released into the environment.

7. HANDLING AND STORAGE

Handling: As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.

Storage: Keep containers tightly closed in a cool, well-ventilated place.

W. D. LOCKWOOD®

81-83 FRANKLIN ST. NYC, NY 10013
PHONE: 866.293.8913 FAX: 212.274.9616
WWW.WDLOCKWOOD.COM

Explosion Hazards:

- Combustible powder.
- Avoid creating dusty conditions
- Grounding is required when emptying into a conductive container
- When flammable solvents are present, the container must be inerted or the system otherwise designed to prevent or contain an explosion. Seek expert advice.

In addition, for products packaged in fused-lined (coated) fiber drums, fiber drums with conductive liners, steel drums, steel pails, and Type "C" FIBC (bulk bags), the following instructions also apply:

- Always ground this package before emptying

The user is responsible for designing the system to handle solid and ensuring proper training of employees in the system's use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Powder
Appearance & Odor:	Dark Red Powder, No Odor
Freezing/Melting Point:	Not determined
Solubility in Water:	40 g/L @ 30°C (86°F) 50 g/L @ 90°C (194°F)
Vapor Density:	Not Applicable
Vapor Pressure:	Not Applicable
Density:	Not Determined
Specific Gravity:	Not Applicable
pH:	5.5 - 7.5 @ 1 g/l H ₂ O
Percent Volatile:	Not Determined
Partition Coefficient (Octanol/Water):	Not Determined
Decomposition Temperature:	> 200°C (392°F)
Flammability Limits in Air:	Not Applicable
Flash Point:	Not Applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None Known
Incompatibility:	None Known
Possibility of Hazardous Reactions:	None Expected

W. D. LOCKWOOD®

81-83 FRANKLIN ST. NYC, NY 10013
PHONE: 866.293.8913 FAX: 212.274.9616
WWW.WDLOCKWOOD.COM

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	(Rats) LD > 5,000 mg/kg
Acute Dermal Toxicity:	Not Determined
Acute Inhalation Toxicity:	Not Determined
Eye Irritation:	(Rabbits) Not an irritant.
Skin Irritation:	(Rabbits) Not an irritant.
Skin Sensitization:	Not evaluated
Carcinogenicity: (IARC; NTP; OSHA; ACGIH)	No components greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen
Mutagenicity:	Not Evaluated
Reproductive Toxicity:	Not Determined
Teratogenicity:	Not Evaluated
Neurotoxicity:	Not Determined
Subacute Toxicity:	Not Evaluated
Subchronic Toxicity:	Not Determined
Chronic Toxicity:	Not Determined
Absorption / Distribution / Excretion / Metabolism:	Not Determined
Toxicologically Synergistic Products:	Not Evaluated
Additional Information:	Not Determined

12. ECOLOGICAL INFORMATION

Toxicity to Fish:	(Trout) LC50 = 590 mg/L 48 hour
Toxicity to Vertebrates:	Not determined
Toxicity to Algae:	Not determined
Toxicity to Sewage Bacteria:	Not determined
Activated Sludge Respiration Inhibition Test:	Not determined
Biochemical Oxygen Demand (BOD):	Not determined
Chemical Oxygen Demand (COD):	Not determined
Total Oxygen Demand (TOD):	Not determined
Biodegradability:	Not determined
Bioaccumulation:	Not determined
Additional Environmental Data:	Not determined

W. D. LOCKWOOD®

81-83 FRANKLIN ST. NYC, NY 10013
PHONE: 866.293.8913 FAX: 212.274.9616
WWW.WDLOCKWOOD.COM

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with local, state, provincial and federal regulations

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Not regulated for this mode of transport.

International Maritime Dangerous Goods (IMDG): Not regulated for this mode of transport.

International Air Transportation Authority (IATA): Not regulated for this mode of transport.

15. REGULATORY INFORMATION - FEDERAL

OSHA Hazardous Substance: This material is classified as non hazardous under OSHA regulations.

Clean Air Act - Hazardous Air Pollutants (HAP): This material does not contain any Hazardous Air Pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Clean Air Act - Volatile Organic Compounds (VOC): This material does not contain any SOCMI Intermediate or Final Volatile Organic Compounds (VOC), as defined by the U.S. Clean Air Act Section 111 (40 CFR 60.489).

Clean Air Act - Ozone Depleting Substances (ODS): This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

Clean Water Act - Priority Pollutants (PP): This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307 (2) (1) Priority Pollutant List (40 CFR 401.15).

Resource Conservation and Recovery Act (RCRA): Not a hazardous under RCRA (40 CFR 261.21).

SARA Section 302 Extremely Hazardous Substances (EHS): This product does not contain any components regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances.

SARA Section 304 CERCLA Hazardous Substances (EHS): This product does not contain any components regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification ("CERCLA" List).

SARA Section 311/312 Hazard Communication Standard (HCS): This product is not regulated under Section 311/312 HCS (40 CFR 370).

SARA Section 313 Toxic Chemical List (TCL): This product does not contain any component(s) listed on the Section 313 Toxic Chemical List.

TSCA Section 8(b) Inventory Status: All component(s) comprising this product are either exempt or listed on the TSCA inventory.

TSCA Section 5(e) Consent Orders: This product is not subject to a Section 5(e) Consent Order.

TSCA Significant New Use Rule (SNUR): This product is not subject to a Significant New Use Rule (SNUR).

TSCA Section 5(f): This product is not subject to a Section 5(f)/6(a) rule.

TSCA Section 12(b) Export Notification: This product does not contain any component(s) that are subject to a Section 12(b) Export Notification.

W. D. LOCKWOOD®

81-83 FRANKLIN ST. NYC, NY 10013
PHONE: 866.293.8913 FAX: 212.274.9616
WWW.WDLOCKWOOD.COM

16. REGULATORY INFORMATION - STATE

California Proposition 65: This product does not contain any components currently on the California list of Known Carcinogens and reproductive Toxins

Pennsylvania Right-To-Know: This product contains the following component(s) which are subject to Pennsylvania Right-To-Know disclosure requirement

Components	CAS No.	Pennsylvania Right-to-Know
Sulfuric acid disodium salt	7757-82-6	Listed. Environmental Hazard.

17. DISCLAIMER

The information contained herein is based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied, is made with respect to such data or information. The user is responsible for determining whether the product is suitable for its intended conditions of use.