

**SAFETY DATA SHEET**  
Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

**SECTION I: IDENTIFICATION**



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[WWW.GREENERSHADES.COM](http://WWW.GREENERSHADES.COM)  
Telephone No. (860) 974-9918  
Hours of Operation M-F 8-4:30 EST

Trade Name...: Greener Shades Ruby Red

Product Code: GS-RR

**SECTION II : HAZARDOUS INGREDIENTS**

SIGNAL WORD: WARNING  
MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR

ACUTE TOXICITY CLASSIFICATION: CATEGORY 5

PICTOGRAM: NONE REQUIRED

HAZARD STATEMENTS:

PRECAUTIONARY STATEMENT:

- P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPOUR/SPRAY
- P273 AVOID RELEASE TO ENVIRONMENT
- P281 WEAR PPE AS REQUIRED
- P301+330+331 IF SWALLOWED: RINSE MOUTH - DO NOT INDUCE VOMITING
- P302+350 IF ON SKIN: GENTLY WASH WITH PLENTY OF SOAPY WATER
- P304 IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING
- P314 GET MEDICAL ATTENTION IF YOU FEEL UNWELL
- P501 DISPOSE OF CONTENTS AND CONTAINER IN ACCORDANCE WITH ALL LOCAL REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS

**SECTION III: COMPOSITION INFORMATION**

Chemical Name: MONOAZO

100% PROPRIETARY RED DYE

**SECTION IV: FIRST-AID MEASURES**

- Eyes.....: IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT PHYSICIAN IF IRRITATION OCCURS.
- Skin.....: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. WASH WELL WITH SOAP AND WATER. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
- Ingestion.: IF CONSCIOUS, GIVE TWO GLASSES OF WATER TO DILUTE. ONLY INDUCE VOMITING IF ADVISED BY POISON CONTROL CENTER.
- Inhalation: REMOVE TO FRESH AIR. IF EFFECTS OCCUR, CONSULT PHYSICIAN.

ACUTE/IMMEDIATE EFFECTS:	SLIGHT IRRITATION OF EYES AND SKIN
CHRONIC/DELAYED EFFECTS:	NONE KNOWN

**SECTION V: FIRE FIGHTING MEASURES**

Extinguishing Media.....: WATER SPRAY, DRY CHEMICALS, FOAM OR CARBON DIOXIDE.

Special Fire Fighting Procedures.: FIREFIGHTERS SHOULD WEAR FULL-FACE, SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards: NONE EXPECTED

Flash Point and Method.....: N.A.                      Flammable Limits                      LEL: N.A.                      UEL: N.A.

NFPA Fire Hazards Code	Key	HMIS Codes
HEALTH	1	0-MINIMAL
FIRE	1	1-SLIGHT
REACTIVITY	0	2-MODERATE
SPECIFIC	NA	3-SERIOUS
		4-SEVERE

**SECTION VI: ACCIDENTAL RELEASE MEASURES**

ALWAYS WEAR PROPER PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION. MIX MATERIAL WITH SWEEPING COMPOUND TO MINIMIZE DUSTING WHILE SWEEPING UP AND CONTAINING. VACUUM CONTAMINATED AREA.

KEEP AWAY FROM DRAINS, SURFACE AND GROUND WATER.

REMOVE ANY SOURCES OF POTENTIAL IGNITION.

**SECTION VII: HANDLING AND STORAGE**

AVOID BREATHING DUST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. STORE IN A DRY PLACE AWAY FROM EXCESSIVE HEAT, IN ORIGINAL OR SIMILAR WATERPROOF CONTAINERS. RESEAL CONTAINERS IMMEDIATELY AFTER USE.

MAINTAIN GOOD HOUSEKEEPING TO AVOID DUST BUILD UP. AVOID INGESTION, EYE AND SKIN CONTACT. MINIMIZE INHALATION EXPOSURE BY USING DUST RESPIRATOR. WASH HANDS AFTER WEIGHING DYE TO AVOID CONTACT OF THE SKIN OR EYES WITH CONTAMINATED HANDS. A SENSITIZED INDIVIDUAL SHOULD NOT BE EXPOSED TO THE PRODUCT WHICH CAUSED THE SENSITIZATION.

MINIMALIZE RELEASE OF SUBSTANCE INTO THE ENVIRONMENT

**SECTION VIII: EXPOSURE CONTROLS/PPE**

Ventilation.....: USE LOCAL EXHAUST VENTILATION TO MINIMIZE EXPOSURE. MAINTAIN AIR CONCENTRATIONS BELOW OCCUPATIONAL EXPOSURE STANDARDS WHEN POSSIBLE

Respiratory.....: A NIOSH/MSHA APPROVED DUST RESPIRATOR SHOULD BE WORN.

Eye Protection...: WEAR SIDE-SHIELD SAFETY GLASSES OR CHEMICAL SAFETY GOGGLES.

Skin.....: WEAR APPROPRIATE PROTECTIVE CLOTHING. WEAR IMPERVIOUS GLOVES AS A STANDARD HANDLING PROCEDURE.

DELUGE SAFETY SHOWER, AND EYE WASH STATION SHOULD BE IN VICINITY OF WORK AREA

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

**SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: POWDER  
COLOR: RED  
ODOR: SLIGHTLY AROMATIC  
SOLUBILITY: COMPLETELY SOLUBLE IN WATER  
pH : N.E.  
MELTING POINT: N.A.  
BOILING POINT: N.A.  
FLASH POINT: N.E. METHOD: N.E. LEL: N.E. LUL: N.E.  
AUTO IGNITION TEMP: N.A.  
DECOMPOSITION TEMP: N.A.  
VISCOSITY: N.A.

**SECTION X: STABILITY AND REACTIVITY**

STABLE UNDER NORMAL STORAGE CONDITIONS.

Incompatibility (Materials to Avoid): OXIDIZING AND REDUCING AGENTS.

Hazardous Decomposition Products.....: BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN AND SULFUR.

Hazardous Polymerization.....: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

**SECTION XI: TOXICOLOGICAL INFORMATION**

LD-50: (ORAL) >2,000 MG/KG(RAT)  
LD-50: (DERMAL) N.E.

LC50 N.E.

ROUTE OF EXPOSURE: SKIN AND EYES  
TLV: N.E.

**EFFECTS IF OVEREXPOSURE:**

ACUTE: SLIGHT IRRITATION OF EYES AND /OR SKIN  
CHRONIC: NO KNOWN CHRONIC ILL EFFECTS.

NOT A KNOWN MUTAGEN, CARCINOGEN, OR ASPIRATION HAZARD.  
NOT KNOWN TO CAUSE REPRODUCTIVE TOXICITY.

**SECTION XII: ECOLOGICAL INFORMATION**

IC50 ACTIVATED SLUDGE 50-90 mg/l 3 hour  
LC50 ZEBRA FISH > 100 mg/L 96 hour  
BOD 55 mgO2/g  
COD 1335 mgO2/g  
BIODEGRADABILITY 10-25% BASED ON SIMILAR PRODUCTS

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**SECTION XIII: DISPOSAL INFORMATION**

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Disposal Considerations....: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE AND SHOULD NOT BE DISTRIBUTED, MADE AVAILABLE, FURNISHED OR REUSED EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT.

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**SECTION XIV: TRANSPORTATION INFORMATION**

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DOT SHIPPING NAME: NOT REGULATED  
TECHNICAL SHIPPING NAME: NOT REGULATED  
DOT HAZARD CLASSIFICATION  
PRIMARY: NOT APPLICABLE  
SECONDARY: NOT APPLICABLE  
FREIGHT CLASSIFICATION: NOT REGULATED  
UN NUMBER: NOT APPLICABLE  
IMO HAZARD CLASS: NOT REGULATED  
DOT LABELS REQUIRED: COMMUNITY RIGHT TO KNOW LABEL  
EPA/DOT HAZARDOUS SUBSTANCE RQ: NOT APPLICABLE.

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**SECTION XV: REGULATORY INFORMATION**

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TSCA: ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

APPROVED SUBSTANCE ON THE FOLLOWING INTERNATIONAL LISTS:  
EINECS ENCS ECL SWISS PICCS ASIA-PAC  
NZIoC DSL AICS

NOT REPORTABLE UNDER SARA TITLE III SEC: 302,304, 313  
NOT KNOWN TO BE A FORBIDDEN AZO DYE (GERMAN LIST)  
NOT LISTED AS PROPOSITION 65 CHEMICAL  
NO LABEL NECESSARY IN ACCORDANCE WITH ECC DIRECTIVES  
CONFORMS TO EC DIRECTIVE 2001/58/EC

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**SECTION XVI: OTHER INFORMATION**

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**FOR TEXTILE USE ONLY**

DISCLAIMER

Information contained herein is, to our best knowledge, true and accurate. It is offered for information only, as we cannot guarantee the results of processes not under our direct control.

N.E. NOT ESTABLISHED

N.A.

NOT APPLICABLE

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Prepared by: Gregory M Driscoll

**REASON FOR UPDATE: ADDED ECOLOGICAL INFORMATION**