

Section 1. Product and Company Identification

Manufacturer Information: Nature's Reflections
108 Copeland Avenue
Jacksonville, FL 32204

Contact: Mulch Manufacturing, Inc.
Phone: 614.864.4004 or 614.208.7905
Web: WWW.Mulchmfg.com

Product Name: VIBRANT RED 1
Revision Date: 6/1/15
Chemical Family: Aqueous Dispersion of metal oxide
CAS Number: Mixture
Synonyms: Color Dispersion
Product Use: Mulch Colorant

Section 2. Hazard Identification

Route of Entry: Eyes, skin
Target Organs: Skin, eyes
Inhalation: Prolonged repeated contact may cause mild irritation
Skin Contact: Prolonged repeated contact may cause mild irritation
Eye Contact: Prolonged repeated contact may cause mild irritation
Ingestion: No harmful affects are known to occur.

GHS Signal Word:
WARNING

GHS Hazard Pictogram



GHS Classifications:
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage, Eye Irritation, 2 B
Health, specific target organ toxicity – single exposure, 3

GHS Phrases:

- H316 – Causes mild skin irritation
- H320 – Causes eye irritation
- H335 – May cause respiratory irritation

GHS Precautionary Statements:

- P264 – Wash thoroughly after handling
- P352 – Wash with soap and water

Note that GHS hazard categories go from low hazard substances with higher number to lower numbers which are more hazardous substances.

Note:

Hazard category 3 skin hazard is the lowest level hazard meaning mild skin irritant.
Hazard category 2B eye hazard is the lowest level hazard meaning mild eye irritant.

Section 3. Composition/Information on Ingredients

Ingredients:

Water	7732-18-5	Proprietary amount	%
Iron Oxide	1309-37-1	Proprietary amount	%
Propylene Glycol	57-55-6	Proprietary amount	%
Proprietary non-hazardous ingredients			

Section 4. First Aid Measures

- Inhalation:** Move to fresh air. Seek medical attention if irritation persists.
- Skin Contact:** Wash with soap and water until all of chemical is removed.
- Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
- Ingestion:** Seek medical attention.

Section 5. Fire Fighting Measures

- Flammability:** Non-flammable
- Flash Point:** Non-combustible
- Flash Point Method:** N/A
- Burning Rate:** N/A
- Auto ignition Temp:** N/A
- LEL:** N/A

Section 6. Accidental Release Measures

Do not discharge into drains.
Do not dump in drains or storm water.
Pick up excess liquid with inert absorbent material and place into separate waste container.

Sweep up, place in a bag and hold for waste disposal.
Watch out for slippery conditions when spillage occurs.
Dispose of waste properly.
Not Hazardous waste.

This product is not environmentally hazardous. It will however cause discoloration of soil and storm water. Avoid soil and water contamination.

Section 7. Handling and Storage

Handling: Wash thoroughly after handling.
Storage: Keep from freezing
Do not store in excessive heat > 100F
Store out of direct sunlight
Prevent contact with storm water

Section 8. Exposure Control/Personal Protection

Personal Protective Equipment: HMIS PP, B / Safety Glasses, Gloves, recommended

Exposure Limits according to:
US OSHA (TWA_s) / (PEL): None
ACGIH (TWA / TLV): None

Respiratory Protection: Not required
Ventilation: Ventilation recommended, not required
Protective Gloves: Rubber gloves recommended
Eye Protection: Use safety glasses
Other Protective Equipment: Not required

Section 9. Physical and Chemical Properties

Appearance:	Red liquid	Odor:	Faint odor
Physical State:	Liquid	Solubility:	Dispersible
Odor Threshold:	Not established	Freezing / Melting Pt:	32F
Specific Gravity / Density:	>1	Flash Point:	NA
Boiling Point:	212F	Vapor Density:	Not applicable
Flammability:	Not flammable	Bulk Density:	17.0-18.0 WPG
Partition Coefficient:	Unknown	Auto-Ignition Temp:	Not applicable
Vapor Pressure:	Not applicable	UFL / LFL:	Not applicable
pH:	8.5 – 9.5		
Evap. Rate:	<1		
Decomposition Temp:	Not applicable		

Section 10. Stability and Reactivity

Stability:	Stable and non-reactive
Conditions to Avoid:	Excessive heat and freezing
Materials to Avoid:	Strong oxidizers, aluminum powder
Hazardous Decomposition:	None
Hazardous Polymerization:	None

Section 11. Toxicological Information

Toxicity Data:

Eye Effects:	May be irritating
Skin Effects:	May be irritating
Acute Inhalation Effects:	None
Chronic Effects:	None
Carcinogenicity:	Not know to be carcinogenic
Mutagenicity:	Not know to be mutagenic
Teratogenicity:	Not know to be teratogenic

Acute Oral Effects:

No toxicological testing has been conducted since no toxicological effects are expected. May cause slight irritation but is not expected to produce adverse effects. Not intended for ingestion.

Section 12. Ecological Information

Ecological testing has not been performed on this product
Dispose of contents and container properly
Do not dump
Contents will cause discoloration of soil and water

Section 13. Disposal Considerations

Dispose of contents properly
Dispose of containers properly
Containers can be reused or recycled
Free IBC disposal call: 1.888.SCHUETZ or 1.888.724.8389
Product is not a hazardous waste under US or Canadian regulation

Section 14. Transport Information

UN #:	Not classified
US DOT:	Not classified
UN Shipping Class:	Not classified
UN Packing Group:	Not Classified

Section 15. Regulatory Information

International Inventories and U.S. Regulations:

All components of this product are listed on or are exempt from the following inventories:

- RCRA This mixture and or its contents are not a hazardous waste if disposal is required.
CERCLA Components of this mixture are not CERCLA hazardous substances
CONEG This mixture and or its contents meet the CONEG limits for the sum of the levels of Lead, Cadmium, Mercury and Hexavalent Chromium of less than 100 PPM by weight
HAP This mixture does not contain any Hazardous Air Pollutants
ODC This mixture does not contain any Ozone Depleting Compounds
TOX This mixture does not contain any Organic Halogens (EPA 9020)
CWA (40 CFR 116) This mixture does not contain a Clean Water Act listed priority pollutant
CAA of 1990

This mixture is not made with not does it contain any Class 1 or Class 2 ozone depleting substances as defined under the 1990 amendments to the act

SARA (302)

This mixture does not contain any constituents that are identified as extremely hazardous

SARA (311/312)

Not reportable

SARA (313)

This mixture does not contain any constituents identified under Section 313 as toxic chemicals in Excess of the de minimis concentrations necessary to be subject to this rule

CA Prop 65

This product contains a chemical(s) known to the state of California to cause cancer and/or birth defects or other reproductive harm. Pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986, we are required to provide the above warning in the absence of definitive testing showing that risks from long-term exposure to chemicals present in our formulations do not exist. To the best of our knowledge, this product complies with all Federal and State laws and regulations governing its manufacturing, distribution and intended use.

Section 16. Other Information

The information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Nature's Reflections knowledge. However, Nature's Reflections makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be misconstrued as permission to violate any regulation. End users should follow all local, state, national and international regulations that apply.