

Section 1 Identification

Product identifiers

Product names: Freeman Color Tints Orange

Relevant identified uses

Colorants

Details of the supplier of the safety data sheet

Freeman Manufacturing and Supply Company
 1101 Moore Road, Avon, OH 44011
 Phone (440) 934-1902
 FAX (440) 934-7200

24 Hour Emergency Phone Number: (800) 424-9300

HMIS	
H	1
F	0
R	0
PPE	
Sec. 8	

Section 2 Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Specific target organ toxicity (Kidney), repeated exposure - Category 2
 Chronic aquatic toxicity - Category 3

GHS Label elements, including precautionary statements

Hazard Pictogram(s):



Signal Word: Danger

Hazard statements

May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.
 Harmful to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.
 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 Avoid release to the environment.
 Get medical advice/attention if you feel unwell.
 Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC) or not covered by GHS

None known

Section 3 Composition/Information on Ingredients

The following ingredients are hazardous according to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200:

Chemical name	CAS-No.	Concentration (% w/w)
Aromatic amino polyol-Orange	Not Assigned	50 - 70
Diethylene Glycol	111-46-6	5 - 10
4,4'-Diaminodiphenyl Sulfone	80-08-0	1 - 5

Section 4 First Aid Measures

If inhaled	Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.
In case of skin contact	In case of skin contact, wash thoroughly with soap and water.
In case of eye contact	Flush eyes with plenty of water. If irritation persists, seek medical attention.
If swallowed	Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

Section 5 Fire-Fighting Measures

Suitable Extinguishing Media
 Use water fog, foam, dry chemical or carbon dioxide.

Special Fire-Fighting Procedures
 Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure demand or positive-pressure mode.

Unusual Fire and Explosion Hazards
 None known

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
 Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely.

Environmental precautions
 Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains or unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. No special environmental precautions required.

Methods and material for containment and cleaning up
 Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely. Follow applicable OSHA regulations (29 CFR 1910.120) for disposal.

Reference to other sections
 See Section 3 for Hazardous Ingredients; Section 8 for Exposure Controls; and Section 13 for Disposal.

Section 7 Handling and Storage

Precautions for safe handling

Use good general housekeeping procedures. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidizers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

Specific end use(s)

These precautions are for room temperature handling. Other uses including elevated temperatures or aerosol/spray applications may require added precautions.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Component	CAS-No.	Value	Control Parameters	Basis
Diethylene Glycol	111-46-6	TWA	10 mg/m ³	US WEEL

Exposure controls

Respiratory Protection

Respiratory protection is not normally required when using this product with adequate local exhaust ventilation. Where risk assessment shows air-purifying respirators are appropriate, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with appropriate filter cartridges as a backup to engineering controls.

Hand Protection

Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.

Eye Protection

Safety glasses with side shields per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Other Protective Clothing/Equipment

Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

Comments

Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handling.

Section 9 Physical and Chemical Properties

Appearance	Dark orange viscous liquid
Odor	Mild to sweet
Odor Threshold	No data available
pH	Non-aqueous
Melting point	No data available
VOC Content	No data available
Freezing point	No data available
Initial boiling point	>100°C
Flash point	270°C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Vapor Pressure	No data available
Vapor density (Air = 1)	No data available
Relative density (g/cc)	No data available
Water Solubility	No data available
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Viscosity	No data available
Explosive Properties	None
Oxidizing Properties	None

Section 10 Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated, No corrosive effect on metal. Not fire propagating.

Chemical stability

These products are stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions

Hazardous polymerization cannot occur.

Conditions to avoid

None known

Incompatible materials

Strong bases and acids

Hazardous decomposition products

Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

Section 11 Toxicological Information

Information on toxicological effects:

Skin Corrosion/Irritation:	No data available
Serious Eye Damage/Irritation:	No data available
Respiratory/Skin Sensitization:	No data available

Section 11 Toxicological Information continued	
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity - Single Exposure:	No data available
Specific Target Organ Toxicity - Repeated Exposure:	No data available
Aspiration Hazard:	No data available
Chronic Exposure:	No data available
Potential Health Effects – Miscellaneous:	No data available
Section 12 Ecological Information	
Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available
Section 13 Disposal Considerations	
<p>Waste treatment methods Under Resource Conservation and Recovery Act (RCRA) it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste as defined in 40 CFR Part 261. Waste management should be in full compliance with federal, State and local laws. Regulations may vary in various locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.</p> <p>Container disposal Do not attempt to refill or clean containers since residue is difficult to remove. Do not reuse empty containers.</p>	
Section 14 Transport Information	
Not regulated by DOT, IATA or IMDG	
Section 15 Regulatory Information	
<p>REACH: Regulation (EC) No 1907/2006 of The European Parliament and of The Council of December 2006 (including amendments and corrigenda as of 17 February 2016) This product complies with REACH or is not subject to regulation under REACH. The product does not contain an ingredient listed on either the Candidate List or Authorization List for Substances of Very High Concern (SVHC).</p>	

Section 15 Regulatory Information continued

TSCA Inventory Status (40 CFR710):

All components of this formulation are listed in the TSCA Inventory. No component of this formulation has been determined to be subject to manufacturing or use restrictions under the Significant New Use Rules (SNURs).

CERCLA Hazardous Substance List (40 CFR 302.4)

Ammonium Carbonate, CAS No. 506-87-6 5,000 lb (RQ)

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Chronic Health Hazard

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.

California Proposition 65

This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Chemical safety assessment

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

Section 16 Other Information

Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.