

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name: IMPACT RED
Product Code: CBIM/RED
Effective Date: 10/01/2009

Manufacturer Information: Colorbiotics
 1725 Dayton Avenue
 Ames, IA 50010
 Information Phone: 888-663-6980
 Information Phone: 515-663-6980

Hazardous Material Information System III:

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

Emergency Phone: Chemtrec (800) 424-9300 outside USA (703)527-3887

Section 2. Hazard Identification

Emergency Overview:

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Inhalation may cause irritation to respiratory tract. Hazard Symbols for this product - Xi. Risk Phrases - R36/37/38

Potential Acute Health Effects:

INHALATION: None expected, however, certain individuals may experience minor nausea or headaches. Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc. may cause irritation to respiratory tract.

SKIN: None expected, however, prolonged contact may cause irritation.

EYES: Contact with eyes may cause irritation.

INGESTION: May cause gastric distress, vomiting and diarrhea.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 3. Composition/Information on Ingredients

Hazardous Components

Occupational Exposure Limits

Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Not applicable				

The remaining components of this product are non-hazardous or in small enough quantities as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.

Section 4. First Aid Measures

Inhalation: Move to fresh air. Seek medical attention if irritation persists.

Skin Contact: Wash affected area with soap and water. Remove contaminated clothing and launder prior to reuse. If irritation persists, seek medical attention.

Eye Contact: Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists, seek medical attention.

Ingestion: Give two glasses of water for dilution. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

Section 5. Fire Fighting Measures

Flash Point (Method used): Non-flammable

Flammable Limits LEL: Not applicable **UEL:** Not applicable

Autoignition Temperature: Not determined

NFPA Class: None

General Hazards: Product is irritating to skin, eyes, and respiratory tract. Products of combustion include components of carbon, hydrogen and oxygen, including carbon monoxide.

Extinguishing Media: Carbon dioxide, water fog, dry chemical, chemical foam.

Fire Fighting Procedures: Keep containers cool with water spray to prevent container rupture due to steam buildup. Contact with material may cause irritation to skin, eyes, and respiratory tract.

Unusual Fire and Explosion Hazards: None

Hazardous Combustion Products: Smoke, fumes or vapors, oxides of carbon.

Section 6. Accidental Release Measures

Spills and Leaks: Contain the spill or leak to prevent discharges to surface streams or storm sewers. This material is a concentrated dye/pigment. Small quantities in contaminated water solutions will color large volumes.

Clean-Up Procedures: Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled and closed container. Dispose of collected material according to federal, state, and local regulations.

Section 7. Handling and Storage

Precautions to be taken in handling and storage: Keep container closed when not in use. Protect containers from abuse and extreme temperatures. Do not freeze. Keep this and other chemicals out of reach of children.

Section 8. Exposure Control/Personal Protection

Engineering Controls: The use of local ventilation is recommended. No other special controls are indicated.

Personal Protection:

RESPIRATORY PROTECTION: No respiratory protection required under normal conditions of use. Use local exhaust to control excessive vapors/mist. If excessive vapors or mists persist, use appropriate NIOSH approved organic vapor/mist respirator.

HANDS: Protective gloves recommended for general protection.

EYES: Safety glasses recommended for general protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.

WORK/HYGIENIC PRACTICES: Practice safe workplace habits. Have safety showers and safety eyewash nearby.

Section 9. Physical and Chemical Properties

Odor	Mild odor	Vapor Density	Heavier than air
Appearance	Viscous red liquid	Evaporation Rate	Slower than ether
pH	9 - 10	Specific Gravity (H₂O = 1)	1.7-1.9 g/mL
Melting/Freezing Point	NA	Solubility	Dispersible

Section 10. Stability and Reactivity

Chemical Stability: This material is chemically stable under normal storage and handling conditions.

Conditions to Avoid: Extreme temperatures.

Hazardous Decomposition or Byproducts: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

Hazardous Polymerization: Is not known to occur.

Conditions to avoid: None.

Incompatibility (Materials to avoid): Strong oxidizers, strong acids.

Section 11. Toxicological Information

Hazardous Components	CAS #	LD50 of Ingredient Species and Route	LC50 of Ingredient Species
Not Applicable			

Section 12. Ecological Information

Ecotoxicity: No data available, however the material is not expected to have a deleterious toxic effect.

Environmental Fate: No data available regarding the environmental fate or biodegradation.

Section 13. Disposal Considerations

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations. Do not discharge into lakes, ponds, streams, or public waters. Product is classified as non-hazardous; however non-hazardous materials may become hazardous waste upon contact with other products. Refer to 40 CFR 260-299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals. According to the European Waste Catalogue, waste codes are application specific and should be assigned by the user based on the application for which the product is used.

Section 14. Transport Information

DOT Classification: Not regulated

IMO/IMDG Classification: Not regulated

IATA Classification: Not regulated

Section 15. Regulatory Information

TSCA (Toxic Substance Control Act): All components of this product are listed on the US Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

Sara Title III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories:

None

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensations and Liability Act):

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

Section 16. Other Information

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