Section 1. Product and Company Identification

Product Name: Red
Product Code: R-100
Effective Date: 08/21/12

Manufacturer Information: Britton Industries Inc.
227 Bakers Basin Road
Lawrenceville, NJ 08648
Informational Phone: (609)588-8225

Emergency Phone: Chemtrec (800)424-9300

Hazardous Material Information System

Section 2. Hazard Identification

Emergency Overview:
Mild liquid with slight ammonia odor, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Inhalation may cause irritating to respiratory tract. This product contains iron oxide which is regulated under OSHA and listed as a hazardous substance under NJ Right to Know. However, the iron oxide in this product is dispersed in the liquid and does not present an inhalation hazard. 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.

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 the 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.

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 and heat. Contact with material may cause irritation to skin, eyes and respiratory tract.

Unusual Fire & Explosion Hazards: None.

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

Section 6. Accidental Release Measures

Spills/Leaks: Contain the spill or leak to prevent discharges to surface streams or storm sewers. This material is 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 in accordance with 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. Vent container while in use.

Section 8. Exposure Control/Personal Protection

Engineering Controls: Local ventilation is recommended for indoor use.

Personal Protection:

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

Hands: Latex or chemical resistant gloves recommended to minimize exposure to hands.

Eyes: Safety glasses or splash face shield recommended.

General Work /Hygiene: Practice safe workplace habits. Recommend suitable clothing such as long pants to minimize splash exposure to skin. Eyewash station nearby.

Section 9. Physical and Chemical Properties

Odor	Mild ammonia odor	**Vapor Density (Air = 1)**	> 1
Appearance	Viscous red liquid	**Evaporation Rate (Butyl Acetate = 1)**	< 1
pH	9.0 – 10.5	**Specific Gravity (H20 = 1)**	1.8-2.0 g/mL
Boiling/Freezing Point	212˚F/32˚F	**Solubility**	Dispersible
Percent solids by weight	57 %	**Density (Lbs/Gal)**	12.3

Section 10. Stability and Reactivity

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

Conditions to Avoid: Extreme hot or cold temperatures. Open container when not in use.

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

Hazardous Polymerization: Not known to occur.

Incompatibility: Avoid oxidizers, strong acids.

Section 11. Toxicological Information

Hazardous Components	CAS No.	LD50 of Ingredient	LC50 of Ingredient
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 agencies before disposing of any chemicals.

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 of 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):

Reportable: 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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