

MSDS Material Safety Data Sheet

Farouk Systems Group

BioLitez Red/Orange - Autumn

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MSDS Number: 0336

Revision Date: 01/15/2008

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Farouk Systems Group
250 Pennbriht Drive
Houston, Texas 77090

Contact: EHS Department
Telephone Number: 1-800-237-9175
FAX Number: 281-885-5512
E-Mail: ehsdept@farouk.com
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Product Name: BioLitez Red/Orange - Autumn
Revision Date: 01/15/2008
MSDS Number: 0336
Synonyms: BioLitez Red/Orange - Autumn
Product Use: Toiletry, Cosmetic Applications

2 COMPOSITION/INFORMATION ON INGREDIENTS

Potassium Persulfate	35% - 41%
Sodium Metasilicate - Anhydrous	4% - 10%

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes
Ingestion
Inhalation
Skin

Target Organs: None.

Inhalation: Prolonged inhalation of duct may irritate respiratory tract.

Skin Contact: Itching or a rash could develop if there is prolonged exposure to the skin.

Eye Contact: May cause itching and burning if not used properly.

Ingestion: May cause irritation to the digestive tract.

4 FIRST AID MEASURES

Inhalation: Remove to area which is free of dust.

Skin Contact: Wash with soap and warm water.

Eye Contact: Remove any contact lenses, if necessary, and immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if necessary.

Ingestion: Wash mouth out and drink plenty of water. Seek medical attention if necessary.

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5 FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD:

Not applicable

FLAMMABLE LIQUIDS:

Not available.

AUTO IGNITION TEMP:

None

FLAMMABLE CLASS:

None.

BURNING RATE OF SOLID:

Not available

GENERAL HAZARDS: Evacuate personnel downwind of fire to avoid inhalation of fumes and smoke.

EXTINGUISHING METHODS: Chemical type foam, CO₂(Carbon Dioxide), Dry Chemical, Water Fog, Sand

HAZARDOUS COMBUSTION PRODUCTS: Burning containers might release irritating/toxic gases or fumes.

FIRE FIGHTING PROCEDURES: This product is not flammable. However, hazardous decomposition and combustion products may be formed in a fire situation. Cool exposed containers with water spray to prevent overheating.

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and significant outdoor fires. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of a SCBA may not be needed.

6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: When a spill occurs, use absorbent material on the substance. Dispose of the material according to all local, state and federal regulations. Always use an absorbent material when cleaning up a spill.

ENVIRONMENTAL PRECAUTIONS: Avoid run-off or release into sewers, stormdrains and waterways.

GENERAL PRECAUTIONS: Remove containers away from flammable materials.

7 HANDLING AND STORAGE

Handling Precautions: Use appropriate personal protective equipment as specified in Section 8. Handle in a manner consistent with good household/personal techniques and practices.

Storage Requirements: Keep containers/bottles securely sealed when not in use. Store in cool/dry conditions that do not exceed room temperature. Try to store product in temperatures between 40°F to 90° F.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: These recommendations provide general guidance for handling this product safely. Because specific use conditions may vary, safety procedures should be developed for each specific application of this product. When developing procedures, always consider potential waste, disposal and personal safety issues.

Protective Equipment: EYES AND FACE: For reasonable foreseeable uses of this product, eye and face protection is not required.

SKIN: For reasonable foreseeable uses of this product, skin protection is not required.

RESPIRATORY: For reasonable foreseeable uses of this product, respiratory protection is not required. But if any dusts are created in quantities, a NIOSH approved dust respirator may be needed.

Exposure Guidelines/Other: EXPOSURE GUIDELINES: Overexposure is unlikely. Since all parameters cannot be foreseen, the use of engineering controls to reduce exposure may be necessary.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red/Orange Powder	Boiling Point:	N/A
Physical State:	Powder	Freezing/Melting Pt.:	N/A
Odor:	Fruity, pleasant odor	Solubility:	Total emulsion.
pH:	10.5 - 11.5	Spec Grav./Density:	N/A
Vapor Pressure:	N/A		
Vapor Density:	N/A		

10 STABILITY AND REACTIVITY

Stability:	YES
Conditions to avoid:	None.
Materials to avoid (incompatibility):	Strong acids.
Hazardous Decomposition products:	None known.
Hazardous Polymerization:	Will Not Occur.

11 TOXICOLOGICAL INFORMATION

ACUTE:
DERMAL LD50: Not available.
ORAL LD50: Not available.
INHALATION LC50: Not available.
EYE EFFECTS: This product may cause irritation to eyes if not used under normal conditions.
TARGET ORGANS: NONE.
SENSITIZATIONS: Not available.
CARCINOGENICITY:
IARC: Listed by IARC - No.
NTP: Listed by NTP - No.
OSHA: Listed by OSHA - No.

MUTAGENICITY: Not available.
REPRODUCTIVE EFFECTS: None.
TERATOGENIC EFFECTS: Not available.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not available.
ECOTOXICOLOGICAL INFO: Not available.
DISTRIBUTION: Not available.
CHEMICAL FATE INFO: Not available.

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13 DISPOSAL CONSIDERATIONS

US EPA Waste Number and Descriptions:

DISPOSAL METHOD: Controlled release of diluted product into a biological wastewater treatment plant.

COMPONENT WASTE NUMBER: No EPA Waste Numbers are applicable for this product's components.

DISPOSAL INSTRUCTIONS: Dispose of waste material according to local, state and federal rules and regulations.

14 TRANSPORT INFORMATION

This product is regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

DOT CLASSIFICATION: Shipping Name: Consumer Commodity
Class: ORM-D

IMDG CLASSIFICATION: Shipping Name: Oxidizing Solid, nos (Potassium Persulfate mixture) -
UN1479, PG III
Class: 5.1 - Oxidizer

IATA CLASSIFICATION: Shipping Name: Oxidizing Solid, nos (Potassium Persulfate mixture) -
UN1479, PG III
Class: 5.1 - Oxidizer

1-800-424-9300 1-703-527-3887
Inside the United States Outside the United States
CHEMTREC

15 REGULATORY INFORMATION

UNITED STATES:
SARA TITLE III (Superfund Amendments and Reauthorization Act)
311/312 HAZARD CATEGORIES

Fire: No.
Pressure Generating: No.
Reactivity: No.
Acute: No.
313 REPORTABLE INGREDIENTS: Not applicable.
TITLE III NOTES: None.
CERCLA(Comprehensive Response, Compensation, and Liability Act)
CERCLA RQ: None.
TSCA(Toxic Substance Release Act)
TSCA REGULATORY: All ingredients are listed in the TSCA Inventory.

CANADA:
WHMIS(WORKER HAZARDOUS MATERIAL INFORMATION SYSTEM)
This product is WHMIS controlled.
CANADIAN INGREDIENT DISCLOSURE LIST: Sodium Metasilicate.
CANADIAN ENVIRONMENTAL PROTECTION ACT: All intentional ingredients are listed on the
DSL(Domestic Substance List).

EUROPEAN COMMUNITY:
EU REGULATORY: All intentional ingredients are listed on the European's EINECS Inventory.
STATE REGULATIONS: Not available.
LOCAL REGULATIONS: Not available.

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OTHER INFORMATION

NFPA CODES:

Hazard Scale:

0 = Normal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

NFPA RATING:

FLAMMABILITY: 0

HEALTH: 1

REACTIVITY: 0

SPECIAL: None

HMIS RATING:

FLAMMABILITY: 0

HEALTH: 1

PHYSICAL HAZARD: 0

PERSONAL PROTECTION: N/A

Disclaimer: Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

END OF MSDS DOCUMENT