

Material Safety Data Sheet

NFPA Classification: HMIS Classification:

MSDS Code: 837-598

Health: 0 Health: 1

Revision date:

Flammability: 1

11/09/06

Flammability: 1

1092 MADDER LAKE CONCENTRATE

Instability: 0

Physical Hazard: 0

Date Printed:

Special Hazards:

06/20/07

Personal Protection:

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Common Name: C.I. Pigment Red 83

Chemical Name: Lake Of Alizarin On Aluminum Hydrate Base

Formula: C.I. 58000:1

Product Use: Industrial pigment.

Supplier: BASF Corporation

100 Campus Drive

Florham Park, NJ 07932

For Chemical Emergency Call:

BASF Hotline: 1-800-832-HELP

CHEMTREC (24 hours):

1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)

1-703-527-3887 (Outside Above Area)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient

CAS Number

Weight in Percent (%) Notes

CI Pigment Red 83

72-48-0

80-95 None.

Barium Sulfate

7727-43-7

1-20 None.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Blue

Form: Powder

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Odor: Odorless

Flash Point, °C: Not Determined

Most Important Hazards: Prolonged or repeated exposure effects: Irritating to eyes, respiratory system and skin.

Prolonged or repeated inhalation exposure effects: May cause lung damage. Harmful if large amounts are

swallowed. May cause stomach discomfort. May cause skin irritation in sensitive individuals.

Potential Health Effects:

Inhalation: Prolonged or excessive exposure may cause irritation of the respiratory tract.

Overexposure to dust may cause lung damage.

Ingestion: May cause stomach discomfort.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Eye Contact: Dust may cause irritation and inflammation.

Carcinogenicity:

Ingredient

CAS Number

Weight in

Percent

(%)

NTP

(Y/N)

IARC

(See Notes)

OSHA

(Y/N)

ACGIH

(See Notes)

CI Pigment Red 83

72-48-0

80-95 N N N N

Barium Sulfate

7727-43-7

1-20 N N N N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans;

N3=Not classifiable as to its

carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human

carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: None known.

Aggravated Medical Conditions: Pulmonary disorders. Dermal ailments.

4. FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Ingestion: If swallowed, observe victim for 24 hours; seek medical attention if indicated.

Skin Contact: Wash with soap and water.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes

and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point, °C: Not Determined

Autoignition Temperature, °C: Not Determined

Lower Explosive Limit, %: Not Determined

Upper Explosive Limit, %: Not Determined

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Extinguishing Media: Water mist.

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing.

Unusual Fire and Explosion

Hazards:

Organic pigments can burn at temperatures above 250°C. This product is not readily ignitable. Dust may be an explosive hazard. Keep away from ignition sources.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Use dustless methods such as vacuum and place into closable container for disposal.

7. HANDLING AND STORAGE

- Keep away from food and feed products.
- Keep container closed.
- Wash thoroughly after handling.
- Avoid contact with eyes, skin and clothing.
- Use with adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient

CAS Number

Weight in Percent (%)

OSHA PEL ACGIH TLV

CI Pigment Red 83

72-48-0

80-95 None Established None Established

Barium Sulfate

7727-43-7

1-20 10 mg/m³ (Total dust)

5 mg/m³ (Respirable dust)

10 mg/m³ (Total dust)

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates

only). All ACGIH TLVs refer to the 2006 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air

Contaminants: Final Rule, June 30, 1993.

Personal Protective Equipment: Safety glasses with side shields. Rubber gloves.

Respiratory Protection: Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation: General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder

Color: Blue

Odor: Odorless

Specific Gravity: Min: 1

Solubility (in water): Insoluble

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pH: Min: 3.5 **Max:** 8

10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions/Hazards to Avoid: Heat.

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Toxic fumes.

Polymerization: None anticipated.

Polymerization - Avoid: None anticipated.

11. TOXICOLOGICAL INFORMATION

Information on Product:

Information on Components:

Ingredient

CAS Number

Weight in

Percent

(%)

Acute Toxicity -

Oral

Acute Toxicity -

Inhalation

Acute Toxicity -

Dermal

Acute Toxicity -

Other

CI Pigment Red 83

72-48-0

80-95 > 5,000 mg/kg

(rat)

Not Available Not Available Not Available

Barium Sulfate

7727-43-7

1-20 > 5,000 mg/kg

(rat)

Not Available Not Available Not Available

12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available.

Ecotoxicological Information: No data available.

13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste.

Local disposal laws and

regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are

dependent on the hazard classification and will vary by location and the type of disposal selected.

14. TRANSPORT INFORMATION

International Transport Regulations:

ICAO Class: Not Regulated

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IMO Class: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.

Canada: This product or its ingredients are listed on or compliant with the DSL.

Europe: This product or its ingredients are listed on or compliant with EINECS.

Japan: This product or its ingredients are listed on or compliant with MITI.

Australia: This product or its ingredients are listed on or compliant with AICS.

Korea: Not Determined

Philippines: Not Determined

China: Not Determined

US Federal Regulations:

Ingredient

CAS Number

Weight in Percent (%) Subject to SARA 313 Reporting

CI Pigment Red 83

72-48-0

80-95 No

Barium Sulfate

7727-43-7

1-20 No

SARA 311/ 312 Hazard Categories:

TO BE DETERMINED

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling

requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: None

US State Regulations:

VOC Content (CARB): None

Canadian Regulations:

WHMIS Classification:

Not Regulated

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16. OTHER INFORMATION

Revision number: 15

Section(s) Revised in this

Version:

Section 1: Chemical Product and Company Identification

Section 16: Other Information

Prepared By: Corporate Environmental Health & Safety Group

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