

MATERIAL SAFETY DATA SHEET

MSDS NO. : B0294-E-03
DATE PRINTED: July 24, 2009

1. IDENTIFICATION OF THE SUBSTANCE/PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the Substance or Preparation

G-241

1.2 Company/Undertaking Identification

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1.3 Emergency Telephone Number

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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME: Non-disclosure
CHEMICAL FAMILY: azo dye
CAS No. : Non-disclosure

Molecular Formula: : $C_{36}H_{37}N_7$

Ingredients Contributing to the Hazard: Not applicable

3. HAZARDS IDENTIFICATION

Most Important Hazards: No human health hazards have yet been identified.

4. FIRST-AID MEASURES

Exposure by Inhalation: If inhaled, remove patient to fresh air and seek medical attention if irritation occurs.

Exposure by Skin and Eye Contacts:

In case of contact with skin, flush affected area immediately with soap and plenty of water.
If contact with eye occurs, flush immediately with plenty of water and seek immediate medical attention.

Exposure by Ingestion:

If swallowed, drink plenty of water, and seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, CO₂, dry chemical powder or foam, sand.

Extinguishing Media not to be Used: None

Specific Exposure Hazards:

The substance is combustible and will evolve noxious fumes (such as carbon and nitrogen oxides and soot) if involved in a fire.

Protective Equipment for Firefighters:

Full protective clothing and self-contained breathing apparatus must be worn.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Evacuate personnel from immediate vicinity. Wear eye protection (eg goggles), chemical resistant gloves, protective clothing (eg an impervious apron) and a dust mask conforming to the standard EN 149 ffP1. Refer to section 8.

Environmental Precautions: Avoid release to drains.

Methods for Cleaning Up:

Avoid dust formation by damping down with water. Absorb spillages of solutions with a suitable inert material (eg sand or soil). Carefully transfer the spillage to waste containers, or use an approved sealed industrial vacuum machine. Containers filled with waste material must be labelled in the same way as the original substance containers. Clean the spillage area with water and detergent. Dispose of waste material should be by incineration (see section 13).

7. HANDLING AND STORAGE

7.1 Handling :

Precautions: The substance should be handled under conditions of good industrial hygiene and in conformity with any local regulations in order to avoid unnecessary exposure.

Technical Measures: Engineering controls such as LEV are necessary to reduce exposure to the substance.

Specific Requirements: None

7.2 Storage

Specific Design for Storage Rooms or Vessels: None

Incompatible Materials: None known.

Conditions of Storage: Store in a cool, dry, dark, well-ventilated area.

Keep containers tightly closed when not in use.

Quantity Limits: None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:

Engineering controls such as LEV are recommended to reduce exposure to the substance.

Specific Control Parameters: None

Personal Protective Equipment:

The provision of personal protective equipment and the need to provide engineering control measures should be decided upon by the user as part of formal exposure risk assessment. Based upon the available toxicological information, the protective measures described below should be regarded as a minimum.

Respiratory Protection:

Based upon current information and in the absence of occupational exposure limits, the use of a dustmask to a minimum standard of EN 149 ffP1 is recommended.

Hard Protection:

Chemical protective gloves to a Standard prEN374 should be provided. Usage periods should not exceed the breakthrough times for the chemical stated by the manufacturer of the glove.

Eye Protection:

Eye protection should be used when handling the substance. The protection should be capable of giving chemical protection as classified in prEN166.

Skin Protection:

Handling of the material should be done wearing chemical protective clothing suitable for protection against the chemical as classified by Standard EN368.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	very dark yellow green crystals
Odour:	None
Boiling Point/Boiling Range:	N/D
Melting Point/Melting Range:	155~162°C
Solubility - Water Solubility:	Negative
Flash Point:	Not applicable to a solid.
Flammability(Solid, Gas):	N/D
Autoflammability:	Negative
Explosive Properties:	Negative
Oxidising Properties:	Negative
Vapour Pressure:	N/D
Stability and Reactivity:	Stable
Other Data:	None

10. STABILITY AND REACTIVITY

Conditions to Avoid: None known.

Materials to Avoid: None known.

Hazardous Decomposition Products: None known.

11. TOXICOLOGICAL INFORMATION

There is insufficient data regarding the toxicological properties of this material.

12. ECOLOGICAL INFORMATION

Mobility: N/D

Degradability: N/D

Accumulation: N/D

Ecotoxicity: N/D

Other Adverse Effects: None known.

13. DISPOSAL CONSIDERATIONS

Waste from Residues: Dispose of by landfill or incineration in accordance with local regulations. Stack gases from incineration should be scrubbed.

Contaminated Packaging: Dispose of by landfill or incineration in accordance with local regulations.

14. TRANSPORT INFORMATION

International Regulations

land/inland waterway/sea/air: Not applicable

UN Classification Number: None

Local Regulations: Any relevant local regulations concerning transport should be observed.

15. REGULATORY INFORMATION

Local Regulations: Any relevant local regulations should be observed.

16. OTHER INFORMATION:

This safety data sheet was originally issued in July, 2009.

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