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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

ALIZARIN YELLOW GG

MSDS CAS: 584-42-9

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: ALIZARIN YELLOW GG
CAS#: 584-42-9
CI#: 14025
Synonym: 5-(3-Nitrophenylazo) salicylic acidsodium salt, Mordant Yellow 1, Metachrome Yellow, Alizarin Yellow 2G

Chemical Formula: $C_{13}H_8N_3NaO_5$

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification:

OXFORD LAB FINE CHEM LLP
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight	Hazardous
Alizarin yellow GG	548-42-9	98-100%	NO

Section 3: Hazards Identification

Not a hazardous substance or preparation according to EC-directives 67/548/EEC

Section 4: First Aid Measures

If inhaled: **If breathed in, move person into fresh air. If not breathing give artificial respiration**
In case of skin contact: **Wash off with soap and plenty of water.**
In case of eye contact: **Flush eyes with water as a precaution.**
If swallowed: **Never give anything by mouth to an unconscious person. Rinse mouth with water.**

Section 5: Fire and Explosion Data

Suitable extinguishing media: **Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.**

Special protective equipment for fire-fighters: **Wear self-contained breathing apparatus for firefighting if necessary.**

Section 6: Accidental Release Measures

Personal precautions: **Avoid dust formation.**
Environmental precautions: **Do not let product enter drains.**
Methods for cleaning up: **Sweep up and shovel. Keep in suitable, closed containers for disposal.**

Section 7: Handling and Storage

Handling: **Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.**

Storage: **Store in cool place. Keep container tightly closed in a dry and well-ventilated place.**

Section 8: Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection: **Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).**

Hand protection: **For prolonged or repeated contact use protective gloves.**

Eye protection: **Safety glasses**

Hygiene measures: **General industrial hygiene practice.**

Section 9: Physical and Chemical Properties

Physical state and appearance:	**Powder**
Odor	**: Not available**
Taste	**: Not available.**
Molecular Weight	**: 309.21g/mole**
Color	**: Not available**
pH (1% soln/water)	**: Not available.**
Boiling Point	**: Not available.**
Melting Point	**: Not available**
Critical Temperature	**: Not available.**
Specific Gravity	**: Not available.**
Vapor Pressure	**: Not applicable.**
Vapor Density	**: Not available.**
Volatility	**: Not available.**
Odor Threshold	**: Not available.**
Water/Oil Dist. Coeff.	**: Not available.**
Ionicity (in Water)	**: Not available.**
Dispersion Properties	**: Not available**
Solubility	**: Not available**

Section 10: Stability and Reactivity Data

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sodium oxides

Section 11: Toxicological Information

Acute toxicity: no data available
Irritation and corrosion: no data available
Sensitisation: no data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation.
Ingestion: May be harmful if swallowed.

Section 12: Ecological Information

Elimination information (persistence and degradability)
no data available

Ecotoxicity effects: no data available

Further information on ecology: no data available

Section 13: Disposal Considerations

Product: Observe all federal, state, and local environmental regulations.

Contaminated packaging: Dispose of as unused product.

Section 14: Transport Information

Land transport (ADR-RID)

General Information : Not Regulated

Sea transport (IMDG) [English only]

General Information : Not Regulated

Air transport (ICAO-IATA) [English only]

General Information : Not Regulated

Section 15: Other Regulatory Information

Labelling according to EC Directives

Further information: The product does not need to be labelled in accordance with EC directives or respective national laws.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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