

SAFETY DATA SHEET

Indian Yellow - 203



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Compilation date: 20/10/2016

Revision date: 29/4/2020

Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Indian Yellow - 203

CAS number: 5567-15-7

EINECS number: 226-939-8

INCI name: C.I. 21108

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers. PC18: Ink and toners. PC32: Polymer preparations and compounds.

1.3. Details of the supplier of the safety data sheet

Company name: Michael Harding Art Formulas LTD

Unit K Springvale Ind Est

Cwmbran

Torfaen

NP44 5BE

UK

Tel: +44(0)1633484700

Email: accounts@michaelharding.co.uk

1.4. Emergency telephone number

Emergency tel: 24 hour (Carechem): Europe and UK +44 1865 407333; United States +1 866 928 0789 (Toll free); Canada +1 800 579 7421 (Toll Free); United States and Canada +1 202 464 2554 (English only); Americas +1 215 207 0061 (English, Spanish Portuguese); Mexico +52 55 5004 8763; Brazil +55 11 3197 5891; Chile +56 2 2582 9336; Colombia +57 1 508 7337; Argentina +54 11 5984 3690; Worldwide/APAC +65 3165 2217; China (hazardous products only) 0532 8388 9090 ; China(Non-hazardous products only) 400 120 6011

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

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2.2. Label elements

Label elements:

Precautionary statements: P260: Do not breathe dust.
P261: Avoid breathing dust.
P270: Do not eat, drink or smoke when using this product.
P281: Use personal protective equipment as required.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive dust-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

CAS number: 5567-15-7

EINECS number: 226-939-8

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical attention if ill or irritation develops.

Eye contact: Bathe the eye with running water for 15 minutes. Seek medical attention if discomfort continues

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Alcohol or polymer foam. For safety reasons unsuitable extinguishing agents: water with full jet. Carbon dioxide. Dry chemical powder.

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. These products are micronized powders. Static charges on the powders may ignite flammable atmospheres. High levels of product dust in the atmosphere may present a dust explosion hazard.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS. See Section 7 of SDS for information on safe handling.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of dust in the air. Ensure there is exhaust ventilation of the area. Electrostatic charges of non-conductive materials is a natural phenomenon ranging from harmless to a nuisance to a hazard, depending on the degree of charging and the environment where the discharge takes place. Keep away from sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

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Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	10MG/M3	-	4MG/M3	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is exhaust ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter. Approved respirator (e.g. EN 149:2001 FFP3) if ventilation is insufficient.

Hand protection: Protective gloves to EN388:2016 or similar standard. Penetration time of glove material: the exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Fine powder

Colour: Yellow

Odour: Odourless

Evaporation rate: Not applicable.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Boiling point/range°C: Not applicable.

Melting point/range°C: Not applicable.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 1.27-1.50

pH: No data available.

VOC g/l: 0

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	>10000	mg/kg/bw
DERMAL	RAT	LD50	>3000	mg/kg/bw
DUST/MIST	RAT	LD50	>230	mg/m3 air/4hr

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
FISH	96H LC50	>100	mg/L
Daphnia magna	48H EC50	>100	mg/L
ALGAE	96H ErC50	>100	mg/L

12.2. Persistence and degradability

Persistence and degradability: No data available.

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12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. The users attention is drawn to the possible existence of regional or national regulations regarding disposal. In accordance with national and local authority regulations eg The hazardous waste (England & Wales) Regulations 2005. EU hazardous waste regulations.

Recovery operations: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

Waste code number: 08 03 99

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: This product contains azodyes / azo compounds that potentially undergo reductive cleavage of azo groups to release amines classified as carcinogens (H350) - these are classified WGK 3 by the German authority UBA. This contains a substance listed in Annex XVII Entry 9: Restricted in jokes and hoaxes (e.g. sneezing powder, stink bombs). Exemption: Stink bombs containing not more than 1.5 ml of liquid. UK HSE Dust in the workplace General principles of protection Guidance note EH44 (fourth edition).

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.