

Safety Data Sheet

Bright Yellow Lake - 109



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

1.1. Product identifier

Product name: Bright Yellow Lake - 109

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.

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.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

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

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Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE - REACH registered number(s): 01-2119451093-47-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
229-934-9	6846-50-0	-	Aquatic Chronic 3: H412	1-10%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: 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: Suitable extinguishing media for the surrounding fire should be used.

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.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

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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.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	10mg/m ³	-	4mg/m ³	-

Respirable dust:

DNEL/PNEC Values

Hazardous ingredients:

1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	31.2 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	110 mg/m ³	-	Systemic
DNEL	Dermal (repeated dose)	18.8 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	32.6 mg/m ³	-	Systemic
DNEL	Inhalation (repeated dose)	18.8 mg/kg bw/day	-	Systemic
PNEC	Fresh water	0.014 mg/l	-	-
PNEC	Marine water	0.0014 mg/l	-	-
PNEC	Fresh water sediments	1.15	-	-
PNEC	Marine sediments	0.115	-	-
PNEC	Soil (agricultural)	0.926	-	-

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PNEC	Microorganisms in sewage treatment	3 mg/l	-	-
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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. 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: Powder

Colour: Yellow

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Viscosity: No data available.

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: No data available.

Autoflammability°C: No data available.

Relative density: No data available.

VOC g/l: No data available.

Melting point/range°C: No data available.

upper: No data available.

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

Vapour pressure: No data available.

pH: No data available.

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.

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.

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10.4. Conditions to avoid

Conditions to avoid: Heat.

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

Hazardous ingredients:

1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBTYRATE

DERMAL	GPG	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

Toxicity values: No data available.

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: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

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

Other adverse effects: No data available.

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Section 13: Disposal considerations

13.1. Waste treatment methods

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: Not applicable.

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.

Section 16: Other information

Other information

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

Phrases used in s.2 and s.3: H412: Harmful to aquatic life with long lasting effects.

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.