

1. IDENTIFICATION

Product Name: liquiDYE 390 Orange
Other names: 2620390
Uses: Candle base colour for through colouring
Chemical Family: No data available
Chemical Formula: Unspecified
Product Description: Colouring agent for colouring wax mixtures

Contact Information:

Organisation	Location	Telephone	Ask For
Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown South Australia 5039	08 8294 0451	SDS Officer
Poisons Information Centre		13 11 26	

2. HAZARD IDENTIFICATION

Poisons Schedule (Aust): Not Scheduled
Hazard Classification: Classification 1272/2008 (GHS) Globally Harmonised System
Signal word:

National Transport Commission (Australia)

Australia Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification: NOT Dangerous Goods according to the criteria of the Australian code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Hazardous components: 1-(2,4-dimethylphenylazo)-2-naphthol ; EC-No. : 221-490-4; CAS-No. : 3118-97-6
 Percentage : 10 - 25 %
 Classification 1272/2008 (GHS) : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335
 For the wording of the listed risk phrases refer to section 16.

4 FIRST AID MEASURES

Description of first aid measures

Swallowed: Do not induce vomiting. Keep at rest. Contact a doctor immediately.
Eye: Remove contact lenses, keep eyelids open. Flush with plenty of water (10-15 min.). Call a physician.
Skin: Immediately remove all contaminated clothing. Flush with plenty water. Do NOT use solvents or thinners. In cases of all doubt, or when symptoms persist, seek medical attention.
Inhaled: Remove victim to fresh air. Get medical attention if irritation develops or persists. If hot fumes are inhaled, remove to fresh air. Keep at rest until fully recovered. If unusual symptoms develop, seek medical attention.

Most important symptoms and affects, both acute and delayed:

None know

Indication of any immediate medical attention and special treatment needed:

None.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Water haze. Carbon dioxide. Sand, foam, CO₂, dry extinguisher.
Unsuitable extinguishing media: Waterjet.
Special hazards arising from the substance or mixture: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
Advice for firefighters: Appropriate breathing apparatus may be required.
Additional Information: Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Provide for sufficient ventilation. Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8.
Environmental precautions:	Do not empty into drains.
Methods and material for containment and cleaning up:	Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).
Reference to other sections:	None.

7 HANDLING AND STORAGE

Precautions for safe handling

Information for safe handling: Normal precautions taken when handling chemicals should be observed. Avoid contact with skin and eyes. Do not eat or drink during work – no smoking. Comply with the health and safety at work laws.

Information about protection against explosions and fires: Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Information about separation or incompatible products: Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Further information about storage conditions: Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep at temperature not exceeding 30°C (to be specified by the manufacture).

Storage class: 10

Storage class (TRGS 510): 10

Specific end use(s): Additive for production of wax mixtures

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: None

Exposure Controls

Personal protective equipment

Hand: Use protective gloves. After washing hands replace lost skin fat by fat containing skin creams.

Eye protection: Use safety glasses.

Body protection: Wash away with soap and water and rinse.

Additional information about engineering measures: Provide for sufficient ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Relevant safety data:

Initial boiling point and boiling range:	(1013 hPa)	ca.	210	°C	
Flash point:		ca.	88	°C	Brookfield
Vapour pressure:	(50 °C)	<	100	hPa	
Density:	(20 °C)		1	g/cm ³	
Solvent separation test:	(20 °C)	<	3	%	
Flow time:	(20 °C)	approx.	46	s	DIN-cup 4 mm
Viscosity:	(20 °C)	ca.	1000	mPa.s	

Other Information

None.

10 STABILITY AND REACTIVITY

Reactivity

There are no data available on the product itself.

Chemical stability

There are no data available on the product itself.

Possibility of hazardous reactions

There are no data available on the product itself.

Conditions to avoid

Stable under recommend storage and handling conditions (see section 7).

Incompatible materials

None known.

Hazardous decompositions products

None known.

11 TOXICOLOGICAL INFORMATION

According to our experience no damage to health has appeared even in case of long lasting contact.

Information on toxicological effects

There is no data available on the product itself.

12 ECOLOGICAL INFORMATION

Toxicity:	There are no data available on the product itself.
Persistence/Degradability:	There are no data available on the product itself.
Mobility in soil:	There are no data available on the product itself.
Results of PBT and vPvB assessment:	There are no data available on the product itself.
Other adverse effects:	There are no data available on the product itself.
Additional information:	There are no data available on the product itself.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

In accordance with local official regulations. Pass on to an appropriate waste dump.

Contaminated packaging

Remove according to regulations.

14 TRANSPORT INFORMATION

Land Transport (Australia)

ADG

Proper Shipping Name:	The product does not constitute a hazardous substance
Class:	The product does not constitute a hazardous substance
Subsidiary Risk(s):	The product does not constitute a hazardous substance
UN Number:	The product does not constitute a hazardous substance
Hazchem:	The product does not constitute a hazardous substance
Pack Group:	The product does not constitute a hazardous substance
Special Provision:	The product does not constitute a hazardous substance

Sea Transport

IMDG

Proper Shipping Name:	The product does not constitute a hazardous substance
Class:	The product does not constitute a hazardous substance
Subsidiary Risk(s):	The product does not constitute a hazardous substance
UN Number:	The product does not constitute a hazardous substance
Hazchem:	The product does not constitute a hazardous substance
Pack Group:	The product does not constitute a hazardous substance
Special Provision:	The product does not constitute a hazardous substance
EMS:	The product does not constitute a hazardous substance
Marine Pollutant:	The product does not constitute a hazardous substance

Air Transport (Australia)

IATA

Proper Shipping Name:	The product does not constitute a hazardous substance
Class:	The product does not constitute a hazardous substance
Subsidiary Risk(s):	The product does not constitute a hazardous substance
UN Number:	The product does not constitute a hazardous substance
Hazchem:	The product does not constitute a hazardous substance
Pack Group:	The product does not constitute a hazardous substance
Special Provision:	The product does not constitute a hazardous substance

National Transport Commission (Australia)

Australian code for the Transport of Dangerous Goods by Road & Rail (ADF Code)

Dangerous Goods Classification Rail	NOT Dangerous Goods according to the criteria of the Australian code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
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Special precautions for user

None

15 REGULATORY INFORMATION

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

National regulatory information

Water pollution classification

Class : 1 Classification according to VwVwS

Chemical safety assessment

There are no data available on the product itself.

16 OTHER INFORMATION

Further Information

The details in this safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

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Relevant changes

03. Hazardous components

GHS Hazard statements of components

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

This data is based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.