

1. IDENTIFICATION

Product Name: liquiDYE 410 Bordeaux
Other names: 2620 410
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

Globally Harmonised System

Hazard Classification: Not classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Signal word: NONE. Not hazardous.

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: None

4 FIRST AID MEASURES

Description of first aid measures

General Information: When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

Swallowed: Do not induce vomiting. Keep at rest. Contact a doctor immediately.

Eye: Remove contact lenses. Flush immediately with plenty of flowing water (10-15 min) holding eyelids apart. Consult an ophthalmologist.

Skin: Wash immediately with plenty of water and soap. Do NOT use solvents or thinners. In cases of all doubt, or when symptoms persist, seek medical attention.

Inhaled: Remove victim to fresh air and keep warm and at rest. 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. If breathing is irregular or stopped, administer artificial respiration.

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:	Alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO ₂), Sand.
Unsuitable extinguishing media:	Full Waterjet.
Special hazards arising from the substance or mixture:	Fire will produce dense black smoke, Nitrogen oxides (NO _x), and Carbon monoxide. Exposure to decomposition products may cause a health hazard.
Advice for firefighters:	Appropriate breathing apparatus and chemical protective clothing may be required.
Additional Information:	Use water spray jet to protect personnel and to cool endangered containers. Do not allow the quenching water into the sewage system. Do not allow entering drains or surface water. Collect contaminated fire extinguishing water separately.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Provide adequate ventilation. Remove victim out of the danger area. Use personal protection equipment. Refer to protective measures listed in sections 7 and 8.
Environmental precautions:	Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Methods and material for containment and cleaning up:	Contain and collect spillage with liquid-binding materials, e.g., sand, diatomaceous earth, acid- or universal binding agents and place in container for disposal according to local regulations (see section 13). Clear contaminated areas thoroughly.
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.
Advices on general occupational hygiene:	Use protective skin cream before handling the product. Remove contaminated, saturated clothing immediately. Wash hands and face before breaks and after work and take a shower if necessary.
Conditions for safe storage, including any incompatibilities:	
Information about separation or incompatible products:	Keep away from heat and oxidizing agents.
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 20°C (to be specified by the manufacture). Keep container tightly closed. Ensure adequate ventilation of storage area. Store in a place accessible by authorized persons only.
	Storage class: 10
	Storage class (TRGS 510): 10
Specific end use(s):	Colouring agent for colouring 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:	Only wear fitting, comfortable and clean protective clothing. Wash away with soap and water and rinse.
Additional information about engineering measures:	Provide for sufficient ventilation. Do not allow to enter into surface water or drains.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Relevant safety data:

Initial boiling point and boiling range:	(1013 hPa)	approx.	210	°C	
Flash point:		approx.	88	°C	Brookfield
Vapour pressure:	(50 °C)	<	100	hPa	
Density:	(20 °C)		0.93	g/cm ³	
Solvent separation test:	(20 °C)		not determined		
Flow time:	(20 °C)	approx.	36	s	DIN-cup 4 mm
Viscosity:	(20 °C)	approx.	300	mPa*s	

Other Information

Liquid appearance. Dark red colour.

10 STABILITY AND REACTIVITY

Reactivity

Non-reactive under normal use conditions.

Chemical stability

Chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions

No known hazardous reactions.

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ABN: 85 765 232 986

Conditions to avoid

Keep away from hazardous reactions. Stable under recommend storage and handling conditions (see section 7).

Incompatible materials

Keep away from: Hydrogen peroxide, Oxidizing agent.

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.
Bio accumulative potential:	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Mobility in soil:	There are no data available on the product itself.
Results of PBT an vPvB assessment:	The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
Other adverse effects:	There are no data available on the product itself.
Additional information:	Do not empty into waters or drains. Discharge into the environment must be avoided.

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. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

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 (Slightly hazardous to water) Classification according to AwSV

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. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Relevant changes

07. Hints on joint storage – Storage class · 14. Land transport ADR/RID and GGVS/GGVE · 14. Maritime transport IMDG/GGVSea · 14. Air transport ICAO-TI and IATA-DGR · 15. Regulation on inflammable liquids (VbF)

This data is based on our present knowledge. This information is intended to give you advice about the safe handling of the product name in this safety data sheet for storage, processing, transport, and disposal. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.