

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : liquiDYE 390 orange
candle base color for through coloring

Revision date : 09.05.2016

Print date : 14.07.2017

Version (Revision) : 3.0.0 (2.0.0)

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

1.1 Product identifier

liquiDYE 390 orange
candle base color for through coloring (2620390)

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

Relevant identified uses

Colouring agent for colouring wax mixtures

Product Categories [PC]

PC9a - Coatings and paints, thinners, paint removers

Sector of uses [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

On a Wick & a Prayer Ltd

Street : The Candle Workshop, Tissington

Postal code/city : DE6 3GN Ashbourne

Telephone : 01335 390639

Telefax :

Information contact : ed@onawick.co.uk

1.4 Emergency telephone number

07581 400482 reachable during normal office hours

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

1-(2,4-dimethylphenylazo)-2-naphthol ; EC No. : 221-490-4; CAS No. : 3118-97-6

Weight fraction : $\geq 10 - < 25$ %

Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

Additional information

Full text of H- and EUH-phrases: see section 16.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : liquiDYE 390 orange
candle base color for through coloring

Revision date : 09.05.2016

Print date : 14.07.2017

Version (Revision) : 3.0.0 (2.0.0)

SECTION 4: First aid measures

4.1 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.

Following inhalation

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

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Call a physician immediately. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam , Extinguishing powder , Carbon dioxide (CO₂) , Sand

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO_x) , Carbon monoxide

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Provide adequate ventilation. Remove victim out of the danger area. Use personal protection equipment.

For emergency responders

See protective measures under point 7 and 8.

6.2 Environmental precautions

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : liquiDYE 390 orange
candle base color for through coloring

Revision date : 09.05.2016

Print date : 14.07.2017

Version (Revision) : 3.0.0 (2.0.0)

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.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly.

6.4 Reference to other sections

Disposal: see section 13

SECTION 7: Handling and storage



7.1 Precautions for safe handling

Protective measures

Use extractor hood (laboratory). All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists generation/formation of aerosols Skin contact Eye contact

Measures to prevent fire

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.

7.2 Conditions for safe storage, including any incompatibilities

Store in a place accessible by authorized persons only. Floors should be impervious, resistant to liquids and easy to clean. Keep container tightly closed. Ensure adequate ventilation of the storage area. Keep/Store only in original container.

Hints on joint storage

Storage class : 10

Storage class (TRGS 510) : 10

Keep away from

Heat. Oxidising agent

Further information on storage conditions

Keep away from heat.

Recommended storage temperature : at 20°C.

7.3 Specific end use(s)

Colouring agent for colouring wax mixtures

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. See section 7. No additional measures necessary.

Personal protection equipment

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : liquiDYE 390 orange
candle base color for through coloring

Revision date : 09.05.2016

Print date : 14.07.2017

Version (Revision) : 3.0.0 (2.0.0)



Eye/face protection

Eye glasses with side protection

Required properties

liquid-tight.

Skin protection

Hand protection

NR (natural rubber, natural latex) , Butyl caoutchouc (butyl rubber) . For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Recommended glove articles : DIN EN 374

Body protection

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

No special measures are necessary.

Occupational exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis 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)		1 g/cm ³	
Solvent separation test :	(20 °C)	<	3 %	
Flow time :	(20 °C)	approx.	46 s	DIN-cup 4 mm
Viscosity :	(20 °C)	approx.	1000 mPa.s	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat.

10.5 Incompatible materials

Keep away from: Hydrogen peroxide , Oxidising agent.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : liquiDYE 390 orange
candle base color for through coloring

Revision date : 09.05.2016

Print date : 14.07.2017

Version (Revision) : 3.0.0 (2.0.0)

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

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. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : liquiDYE 390 orange
candle base color for through coloring

Revision date : 09.05.2016

Print date : 14.07.2017

Version (Revision) : 3.0.0 (2.0.0)

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

16.1 Indication of changes

03. Hazardous ingredients

16.2 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).

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. 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.