

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:**Black Candle Liquid Dye**
3 / 03/23/2018Print date 11/10/2023
Page 1 of 8

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

1.1 Product identifier

Item number/ Trade name Black Candle Liquid Dye
UFI 12318-01-16

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

General use Coloration of hydrocarbons, waxes, oils and fats

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification

Name: Imperial Supply Ltd.

Address: Common Lane, Industrial
Estate, Kenilworth, CV8 2EL,
United Kingdom

E-mail: support@craftovator.co.uk

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

2.2 Label elements

Signal word ---

Nature of Hazard ---

Hazard statements no hazard labelling required

Safety precautions ---

Hazard components for labelling

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances

Mixture of solvents, colouring agents and additives

3.2 Mixtures

Hazardous ingredients

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:**Black Candle Liquid Dye**
3 / 03/23/2018Print date **11/10/2023**
Page **2 of 8**

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	If you feel unwell, seek medical advice.
In case of inhalation	Move victim to fresh air. Seek medical aid in case of troubles.
In case of skin contact	Remove residues with soap and water.
After eye contact	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.
After swallowing	Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No data available
----------	-------------------

4.3 Indication of any immediate medical attention and special treatment needed

Information to physician	No data available
--------------------------	-------------------

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	extinguishing powder , foam water spray jet , Water spray jet , Carbon dioxide.
Extinguishing media which must not be used for safety reasons	Full water jet

5.2 Special hazards arising from the substance or mixture

Possible combustion products	carbon monoxide and carbon dioxide, Nitrogen oxides (NOx) May form dangerous gases and vapours in case of fire. Vapours can form explosive mixtures with air..
------------------------------	--

5.3 Advice for firefighters

Special protective equipment for firefighters	Wear self-contained breathing apparatus.
---	--

Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. Do not allow fire water to penetrate into surface or ground water. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.
------------------------	--

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:

Black Candle Liquid Dye
3 / 03/23/2018

Print date 11/10/2023
Page 3 of 8

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid the formation of aerosol. Wear suitable protective clothing. Keep away from sources of ignition - No smoking. Do not breathe vapour/aerosol. Do not breathe vapours. Avoid contact with skin, eyes, and clothing. Immediately remove all contaminated clothing.

6.2 environmental precautions

Do not allow to enter into ground-water, surface water or drains. Discharge into the environment must be avoided.

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) and place in closed containers for disposal. Clean polluted areas with a standard domestic detergent.

6.4 Reference to other sections

refer to section 13 Personal protection equipment: see section 8, Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid contact with eyes and skin. Do not breathe vapours. When using do not eat, drink, smoke, sniff. Make sure there is sufficient air exchange and / or that working rooms are air suctioned.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep away from sources of ignition and heat. Store in a cool dry place. Store in a well-ventilated place. Keep container tightly closed. Protect from direct sunlight.

Storage class

11

7.3 Specific end use(s)

General use

Coloration of hydrocarbons, waxes, oils and fats

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values: components

White mineral oil (petroleum)

State	Type	Value	Unit	Text
CHE	TWA	5,00	mg/m ³	-
DEU	TWA	5,00	mg/m ³	AGS/ DFG
DEU	ST = short-term exposure limit (STEL)	20,00	mg/m ³	AGS/ DFG
ROU	TWA	5,00	mg/m ³	-
ROU	ST = short-term exposure limit (STEL)	10,00	mg/m ³	-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:

Black Candle Liquid Dye
3 / 03/23/2018

Print date **11/10/2023**
Page **4 of 8**

8.2 Exposure controls

Respiratory protection	With correct and proper use, and under normal conditions, breathing protection is not required. If vapours form, use respiratory protection. Provide good ventilation and/or an exhaust system in the work area. When aerosols and vapours form wear filter apparatus type A (= against vapours of organic substances).
Hand protection	Wear suitable gloves.- according to DIN-/EN-Norms EN 420, EN 388 and EN 374 Part 1,3
Eye protection	Goggles according to EN 166.
Body protection	Wear suitable protective clothing and shoes.
General protection and hygiene measures	Keep away from food and drinks. When using do not eat, drink or smoke. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	liquid
Colour	black
Odour	characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	< 20 °C	---		
Initial boiling point and boiling range	> 170 °C	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	> 170 °C	---		
Ignition temperature	---	---		
PH	---	---		---
Viscosity	1100 mPa.s 0 m ² /s	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	---	---	---	not determined
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	Product is difficult to dissolve in water.			

9.2 Other information

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:**Black Candle Liquid Dye**
3 / 03/23/2018Print date **11/10/2023**
Page **5 of 8**

SECTION 10: Stability and reactivity

<u>10.1 Reactivity</u>	Non-reactive
<u>10.2 Chemical stability</u>	stable Product is stable under normal storage conditions.
<u>10.3 Possibility of hazardous reactions</u>	none
<u>10.4 Conditions to avoid</u>	No adverse effects known to this day, when properly handled. Avoid the formation of aerosol. Vapours/aerosols should be exhausted directly at the point of origin.
<u>10.5 Incompatible materials</u>	none strong acids and bases, strong oxidizing agents.
<u>10.6 Hazardous decomposition products</u>	Hazardous vapours may form during fires. In case of fire may be liberated: Nitrogen oxides (NOx), carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

No toxicological tests were conducted with the mixture.

11.2 Information on other hazards

Endocrine disrupting properties	No data available
Further details	No data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity	No data available
------------------	-------------------

12.2 Persistence and degradability

Evaluation text	No data available
Degree of elimination	No data available
Analytical method	No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:

Black Candle Liquid Dye
3 / 03/23/2018

Print date 11/10/2023
Page 6 of 8

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.

Package

Recommendation Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG ---

14.2 UN proper shipping name

Product designation: ADR/RID ---

Proper shipping name: IATA-DGR ---

Proper shipping name: IMDG ---

14.3 Transport hazard class(es)

Class ADR/RID ---

Classification code ---

ADR/RID ---

Class IATA-DGR ---

Subrisk IATA-DGR ---

Class IMDG ---

Subrisk IMDG ---

14.4 Packing group

ADR, IATA, IMDG No packaging for dangerous goods required

14.5 Environmental hazards

Marine Pollutant - IMDG ---

EmS ---

Stowage and segregation ---

14.6 Special precautions for user

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ ---

Limited quantities ---

Special Provisions ---

Tunnel restriction ---

Transport category ---

Kemmler-number ---

No dangerous good in sense of these transport regulations.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:

Black Candle Liquid Dye
3 / 03/23/2018

Print date 11/10/2023
Page 7 of 8

SECTION 15: Regulatory information

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

National regulations

Germany

Storage class	11
Water Hazard Class	1
Incident regulation	---
Information on working limitations	No special measures are required.

15.2 Chemical Safety Assessment

Chemical Safety Assessment No substance safety evaluation was conducted with the mixture/ substance.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:**Black Candle Liquid Dye****3 / 03/23/2018**Print date **11/10/2023**
Page **8 of 8**

SECTION 16: Other information

Hazard statements (CLP)

Reason of change

General revision

Abbreviations

---	no data, not determined or not applicable
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)
OECD	Organisation for Economic Co-operation and Development
LD50	Median lethal dose
LC50	Median lethal concentration
EC50	Median effective dose
IC50	Median inhibitory concentration
VCI	Verband der chemischen Industrie
CAS	Chemical Abstract Service
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
NLP	No Longer Polymers
CLP	Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
EG	European Union
WGK	water hazard class (according to AwSV, Appendix 1 (5.2))
AGW	Occupational Exposure Limit
ADR	Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
MARPOL	International Convention for the Prevention of Pollution From Ships (MARine POLLution)
EmS	Emergency Schedules
PBT	persistent, bioaccumulative and toxic
vPvB	very persistent and very bioaccumulative