

### **CERTIFICATE OF ANALYSIS**

Product Name Black Candle Wax Dye

Product Type Candle Dye

Product Code CANDCOLOBLAC

Batch No 4572903

Best Before End 03/2028

Tests Specifications Conforms

Odour According to Standard Conforms

Appearance wax dye flakes Conforms

Storage Store in well sealed containers in cool, dry, dark place. Ideal temperature between 15-20

degrees Centigrade (59-70 degrees Fahrenheit).

Shelf Life Shelf life of this product depends very much on storage conditions, particularly

temperature and exposure to light and air. Shelf life must be considered as subjective - the shelf life given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers. Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However we ensure that

this does not effect the quality and efficacy of the products in any way.



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

### 1.1 Product identifier

Product Name Black Candle Wax Dye

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

General use Candle Dye

### 1.3 Details of the supplier of the safety data sheet

Company/undertaking identification

Company Name MADAR Corporation Limited

Address 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA

Phone Number +44 (0) 1425 655555

Email sales@madarcorporation.co.uk Website www.madarcorporation.co.uk

### 1.4 Emergency telephone number

Phone Number +44 (0) 1425 655555 (Office Hours)

### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

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#### 2.2 Label elements

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Nature of Hazard ---Hazard statements (CLP) --Precautionary statements (CLP) ---

Hazard-determining component(s) of labelling ---

# Special provisions concerning the labelling of certain mixtures

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### 2.3 Other hazards

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# SECTION 3: Composition / information on ingredients

# 3.1 Substances

Mixture of waxes, colouring agents and additives

### 3.2 Mixtures

### Hazardous ingredients

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### **SECTION 4: First aid measures**

4.1 Description of first aid measures

case of inhalation In Move victim to fresh air. Seek medical aid in case of troubles.

case of skin contact Thoroughly wash skin 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 ---

4.3 Indication of any immediate medical attention and special treatment needed

Information to physician ---

**SECTION 5: Firefighting measures** 

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide, water spray jet, extinguishing powder, foam.

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 Nitrogen oxides (NOx), carbon monoxide and carbon dioxide

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.

**SECTION 6: Accidental release measures** 

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust. With the formation of dust, use a dust mask. Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes, and 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

Take up spilled product with dustpan and brush. Avoid causing any dust. Industrial vacuum cleaner recommended to avoid causing dust. Clean soiled areas with a conventional household cleaner.

6.4 Reference to other sections

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. When using do not eat, drink, smoke, sniff.

Make sure there is sufficient air exchange and / or that working rooms are air

suctioned. Avoid dust formation.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms Keep away from sources of ignition and heat. Store in a cool dry place. Store in

and containers a well-ventilated place. Keep container tightly closed. Protect from direct

sunlight.

Storage class 11

7.3 Specific end use(s)

General use Candle Dye

# SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

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Paraffin waxes and Hydrocarbon waxes

USA OSHA TWA (EC) 2,000 mg/m<sup>3</sup>

**8.2 Exposure controls** 

Respiratory protection With correct and proper use, and under normal conditions, breathing protection

is not required. Provide good ventilation and/or an exhaust system in the work area.

Wear a dust mask, in case of excessive dust.

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 Keep away from food and drinks. When using do not eat, drink or smoke. Wash

measures 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 flakes
Colour black
Odour characteristic
Important health, safety and environmental information

Initial boiling point and boiling range > 130 °C

Melting point/freezing point  $> 60 \,^{\circ}\text{C}$   $60 \,^{\circ}\text{C}$ 

Flash point/flash point range. > 150 °C Ignition temperature > 200 °C

Solubility Product is difficult to dissolve in water.

Vapour pressure not determined --- --Density not determined --- --Viscosity --- --- --
Explosion limits --- ---

Explosion limits --- --- Flow time 4mm (DIN) not determined

PH --

Partition coefficient: ---

n-octanol/water



#### 9.2 Other information

# **SECTION 10: Stability and reactivity**

10.1 Reactivity Non-reactive

10.2 Chemical stability Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

Avoid dust formation. Avoid dust deposits. Keep away from sources of 10.4 Conditions to avoid

ignition -No smoking. Take precautionary measures against static discharges.

10.5 Incompatible materials strong acids and bases, strong oxidizing agents

10.6 Hazardous decomposition products 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.

### **SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity

12.2 Persistence and degradability

Evaluation text Degree of elimination Analytical method

### 12.3 Bioaccumulative potential

### 12.4 Mobility in soil

### 12.5 Results of PBT and vPvB assessment

# 12.6 Other adverse effects

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

# **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.

**Contaminated packaging** 

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



# **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 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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	

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Additional information

EQ --Limited quantities --Special provisions --Tunnel restriction --Transport category --Kemmler code ---

No dangerous good in sense of these transport regulations.

# **SECTION 15: Regulatory information**

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

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.



### **SECTION 16: Other information**

Hazard statements (CLP)

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Reason of change General revision

#### Abbreviations

--- no data, not determined or not applicable

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EG) Nr. 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 SCI Association of the chemical industry

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

EU European Union

WGK Water Hazard Class (according to AwSV, Appendix 1 (5.2))

OELs Occupational exposure limit

ADR European agreement concerning the international transport of dangerous goods by road (European Agreement

concerning the International Carriage of Dangerous Goods by Road)

RID Regulations concerning the international carriage of dangerous goods by rail (International Rule for Transport of

Dangerous Substances by Railway)

IATA International Air Transport Association IMDG International Martime Dangerous Goods

MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLlution)

EmS Emergency Schedules

The information in this safety data sheet is based on the properties of the materials known to MADAR at the time the data sheet was issued. The safety data sheet is intended to provide information for a healthy and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. It is the user's responsibility to determine conditions of safe use of the product, according to the information provided in this safety data sheet. This document is not intended for quality assurance purposes.