

SAFETY DATA SHEET

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

Item number/Trade name DYEC001 – Black Dye Chip
Version/ Issue date: 13 - 11/18/2021

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

1.1 Product identifier

Item number/Trade name Colour for candles
DYEC001 – 10 - Black01
UFI JSPK-FQJ5-WDV-FW87

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
Supplies for Candles Ltd & The Soap Kitchen Ltd
Unit E Swinton Bridge Industrial Estate
Whitelee Road, Swinton, South Yorkshire, S64 8BH
Office Hours Mon- Fri 8.00 – 16.00
customerservice@suppliesforcandles.co.uk
TEL: 01709 257151

1.4 Emergency telephone number

Name : Nicky Story
Phone :- 01709 257151

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.
Eye Dam. 1; H318 Causes serious eye damage.

2.2 Label elements



Danger

Nature of Hazard GHS05 Corrosion
Hazard statements (CLP) H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P273 Avoid release to the environment.
P501 Dispose of contents/container to hazardous waste.
Hazard-determining component(s) of labelling
bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

SECTION 3: Composition/information on ingredients

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3.1 Substances

Mixture of waxes, colouring agents and additives

3.2 Mixtures

Hazardous ingredients

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate: 3 % - 9,99 %
CAS-Number: 52829-07-9
EINECS / ELINCS / NLP: 258-207-9
REACH registration No.: 01-2119537297-32
Classification:
Aquatic Acute 1 (M1); H400 / Aquatic Chronic 2; H411 / Eye Dam. 1; H318

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

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	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 ---

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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 soiled areas with a conventional household cleaner.

6.4 Reference to other sections

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

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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 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

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 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.

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SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form solid
Colour black
Odour characteristic

Important health, safety and environmental information

Initial boiling point and boiling range	> 130 °C		
Melting point/freezing point	> 60 °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	---	---
Bulk density	---	---	---
Dynamic viscosity	---	---	---
Kinematic viscosity	---	---	---
Lower explosion limit	---		
Upper explosion level	---		
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 ---

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

Toxicological tests: components

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate			
Eye irritation:	-	irreversible damage	OECD 405
Rabbit			
Skin sensitisation	-	not sensitising	OECD 406
guinea pig			
Mutagenicity:	-	not a mutagen	OECD 471 (Ames test)
Reproductive toxicity	-	Suspected of damaging fer	OECD 443

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Rat		
Acute oral toxicity	LD50=	3700.0 mg/kg
Rat		
Acute dermal toxicity	LD50>	3170.0 mg/kg
Rat		
Acute inhalation toxicity	LC50>	mg/L
Rat		

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity ---

Ecotoxicological effects: components

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate			
acute Daphnia toxicity	NOEC (48h) =	4.0	mg/L
Daphnia magna (Big water flea)			
acute Daphnia toxicity	EC50 (48h) =	8.58	mg/L
Daphnia magna (Big water flea)			
acute fish toxicity	LC50 (96h) =	4.4	mg/L
Lepomis macrochirus (Bluegill)			
Bacteria toxicity	IC50 (72h) =	0.705	mg/L
Pseudokirchneriella subcapitata			

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.
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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.
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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG not regulated

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

Additional information

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

No dangerous good in sense of these transport regulations.

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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	2
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.
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SECTION 16: Other information

Hazard statements (CLP)

- H318 Causes serious eye damage.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

Reason of change General revision

Abbreviations

---	no data, not determined or not applicable
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (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
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	Europäische Gemeinschaft
WGK	Wassergefährdungsklasse (according to AwSV, Appendix 1 (5.2))
AGW	Arbeitsplatzgrenzwert
ADR	Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement)
RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses (International Rule For Transport of Dangerous Substances by Railway)
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