

# SAFETY DATA SHEET



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

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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
UFI	DYEC005 Orange Dye Chip 6099-25
	TT5G-CRAS-H103-2R7G

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

General use	Coloration of hydrocarbons, waxes, oils and fats
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### 1.3 Details of the supplier of the safety data sheet

Company/undertaking identification	
Name	Supplies for Candles
Street/POB-No.: 1	Unit E Swinton Bridge Industrial Estate, Whitelee Road
City	Swinton, South Yorkshire, S64 8BH
Phone #	+44 (0)1709 257151
E-mail	customerservice@suppliesforcandles.co.uk

### 1.4 Emergency telephone number

Name	Supplies for Candles (Mo - Fri 9.00 - 16.00)
Phone #	+44 (0)1709 257151

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

Skin Sens. 1; H317 May cause an allergic skin reaction.

### 2.2 Label elements

Signal word	Warning
Nature of Hazard	GHS07 Exclamation mark
Hazard statements	H317 May cause an allergic skin reaction.
Safety precautions	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P350 IF ON SKIN: Gently wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container to hazardous or special waste collection point.
Hazard components for labelling	(2-Hydroxy-4-(octyloxy)phenyl)(phenyl)methanone

### 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



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## **3.1 Substances**

Mixture of waxes, colouring agents and additives

## **3.2 Mixtures**

### **Hazardous ingredients**

Fatty acids, C16-18: 75 % - 100 %  
CAS-Number: 67701-03-5  
EC-number: 266-928-5  
Classification:

Solvent Yellow 29: 10 % - 24,99 %  
CAS-Number: 6706-82-7  
EC-number: 229-754-0  
Classification:

(2-Hydroxy-4-(octyloxy)phenyl)(phenyl)methanone: 3 % - 9,99 %  
CAS-Number: 1843-05-6  
EC-number: 217-421-2  
REACH registration No.: 01-2119557833-30-0008  
Classification:

Solvent orange 7: 3 % - 9,99 %  
CAS-Number: 3118-97-6  
EC-number: 221-490-4  
Classification:



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## 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	No data available
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### **4.3 Indication of any immediate medical attention and special treatment needed**

Information to physician	No data available
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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
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### **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



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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

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**Exposure limit values: components**  
**(2-Hydroxy-4-(octyloxy)phenyl)(phenyl)methanone**

State	Type	Value	Unit	Text
DEU	A: respirable fraction	3,00	mg/m <sup>3</sup>	-
DEU	E: inhalable fraction	10,00	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  
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  
Colour  
Odour

solid  
orange  
characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	> 60 °C	---		
Initial boiling point and boiling range	> 130 °C	130 °C		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	> 150 °C	150 °C		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	0 mPa.s	0 mPa.s	---	---
	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	---	---	---	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	Product is difficult to dissolve in 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	No data available
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

oral	LD50	3700.0	mg/kg	-
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Rat



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inhalative	LC50		mg/L	-
Rat				
Eye irritation:			irreversible damage	OECD 405
Rabbit				
Mutagenicity:			not a mutagen	OECD 471 (Ames)
dermal	LD50	3170.0	mg/kg	-
Rat				
Reproductive toxicity			Suspected of damaging fertility.	OECD 443
Rat				
Skin sensitisation			not sensitising	OECD 406
guinea pig				

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

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

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).



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

<b>Product</b>	
Recommendation	Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.
<b>Package</b>	
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	UNnot regulated
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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
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14.5 Environmental hazards

Marine Pollutant - IMDG	---
EmS	---
Stowage and segregation	---

14.6 Special precautions for user

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14.7 Maritime transport in bulk according to IMO instruments

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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

##### Europe

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##### Germany

Storage class	11
Water Hazard Class	1
Major Accident Ordinance (12. BImSchV)	---
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)

- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

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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 (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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.