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

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

6099-25

Color for candles

1.1 Product identifier

Item number/ Trade name

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

General use

Coloration of hydrocarbons, waxes, oils and fats

06/24/2015

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification	
Name	Bekro Chemie GmbH
Street/POB-No.: 1	Industriestrasse 104
City	D-66802 Ueberherrn
Phone #	+49 6836 9198 0
Telefax #	+49 6836 9198 10
E-mail	info@bekro.de

1.4 Emergency telephone number

Name	Bekro Chemie GmbH (Mo - Thu 8.00 - 16.30, Fr 8.00 - 14.30)
Phone #	+49 6836 9198 0

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



Warning

Nature of Hazard	GHS07 Exclamation mark
Hazard statements (CLP)	H317 May cause an allergic skin reaction.
Precautionary statements (CLP)	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.
	P501 Dispose of contents/container to hazardous or special waste collection point.
	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.
Hazard-determining component(s	s) of labelling
	(2-Hydroxy-4-(octyloxy)phenyl)(phenyl)methanone

2.3 Other hazards

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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(2-Hydroxy-4-(octyloxy)phenyl)(phenyl)methanone: 3 % - 9,99 % CAS-Number: 1843-05-6 EINECS / ELINCS / NLP: 217-421-2 REACH registration No.: 01-2119557833-30-0008 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412 / Skin Sens. 1; H317

Full text of R-, 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

SECTION 5: Firefighting measure	S
5.1 Extinguishing media	
Suitable extinguishing media	Carbon dioxide , water fog , 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.

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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. C 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
and containersKeep away from sources of ignition and heat. Store in a cool dry place. Store in
a well-ventilated place. Keep container tightly closed. Protect against direct
sunlight.Storage class117.3 Specific end use(s)
General useColoration of hydrocarbons, waxes, oils and fats

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

(2-Hydroxy-4-(octyloxy)phenyl)(phenyl)r DEU - A: respirable		3,000	mg/m³
(2-Hydroxy-4-(octyloxy)phenyl)(phenyl)r DEU - E: inhalable f		10,000	mg/m³
<u>8.2 Exposure controls</u> Respiratory protection	With correct and proper use, and under n is not required. Provide good ventilation a area. Wear a dust mask, in case of excess	nd/or an exhau	
Hand protection	Wear suitable gloves according to DIN-/ 1,3		20, EN 388 and EN 374 Part
Eye protection	Goggles according to EN 166.		
Body protection	Wear suitable protective clothing and sho	es.	
General protection and hygiene measures	Keep away from food and drinks. When u hands before breaks and after work. Was		



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SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	solid			
Colour	orang	e		
Odour	chara	cteristic		
Important health, safety and environme	ental infor	mation		
Initial boiling point and boiling range	>	130 °C		
Melting point/freezing point	>	60 °C	60 °C	
Flash point/flash point range	>	150 °C		
Ignition temperature	>	200 °C		
Solubility	Produ	ict is difficult	to dissolve i	in v
Vapour pressure	not de	etermined		
Density	not de	etermined		

Product i	s difficult to dis	solve in water.	
not deter	mined		
not deter	mined		
not deter	mined		
	not deter not deter 	Product is difficult to dis not determined not determined not determined 	not determined

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

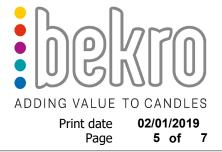
General remarks

No toxicological tests were conducted with the mixture.

Toxicological tests: components

bis(2,2,6,6-tetramethyl-4-p	piperidyl) sebacate		
Eye irritation:	-	irritant	OECD 405
Rabbit Skin sensitisation guinea pig	-	not sensitising	OECD 406
Mutagenicity:	-	not a mutagen	OECD 471 (Ames test)
Acute oral toxicity _{Rat}	LD50>	2000.0 mg/kg	
Acute dermal toxicity	LD50>	2000.0 mg/kg	
Acute inhalation toxicity	LC50>	960.0 mg/m³	

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OECD 202

OECD 203

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SECTION 12: Ecological information

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<u>12.1 Toxicity</u> Aquatic toxicity				
Ecotoxicological effects: co	<u>mponents</u>			
bis(2,2,6,6-tetramethyl-4-p	oiperidyl) sebacate			
acute Daphnia toxicity	EC50=	17.0	mg/l	
acute fish toxicity Oncorhynchus mykiss	LC50=	13.0	mg/l	

Oncorhynchus mykiss				
Bacteria toxicity	IC50>	100.0	mg/l	OECD 209
Refer to manufacturer/supplier for information on				
algae toxicity	EC50=	1.9	mg/l	
Scenedesmus subspicatus			-	

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

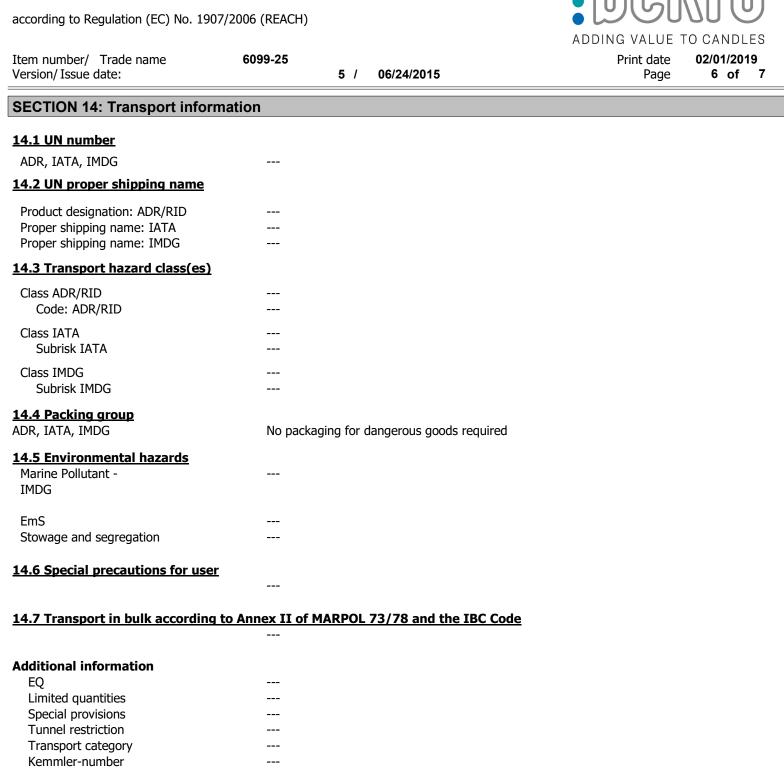
Product Recommendation

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

Contaminated packaging

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.



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

National regulations

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

15.2 Chemical Safety Assessment

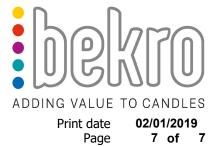
Chemical Safety Assessment

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.

Reason of change	
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General revision

Abbreviations

REACH OECD LD50 LC50 EC50 IC50 VCI CAS EINECS ELINCS NLP CLP EG WGK AGW ADR RID IATA	no data, not determined or not applicable Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (EG) Nr. 1907/2006) Organisation for Economic Co-operation and Development Median lethal dose Median lethal concentration Median effective dose Median inhibitory concentration Verband der chemischen Industrie Chemical Abstract Service European Inventory of Existing Commercial Chemical Substances European Ist of Notified Chemical Substances No Longer Polymers Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging Europäische Gemeinschaft Wassergefährdungsklasse (nach VwVwS) Arbeitsplatzgrenzwert Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) Règlement concernant le transport international ferroviaire des machandises dangereuses (International Rule for Transport of Dangerous Substances by Railway) International Air Transport Association
	Transport of Dangerous Substances by Railway)
IMDG	International Martime Dangerous Goods
MARPOL	International Convention for the Prevention of Pollution From Ships (MARine POLlution)
EmS	Emergency Schedules

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.