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

 Item number/
 Trade name
 71-917

 Version/
 Issue date:
 7
 /
 05/23/2017

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

1.1 Product identifier

Item number/ Trade name

Color for candles 71-917

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	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) Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

 Nature of Hazard
 --

 Hazard statements (CLP)
 H412

 Precautionary statements (CLP)
 H273

 Avoid release to the environment.

 P501
 Dispose of contents/container to hazardous or special waste collection point.

 Hazard-determining component(s)
 of labelling

Special provisions concerning the labelling of certain mixtures

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

ADDING VALUE TO CANDLES Print date 09/16/2019

1 of

7

Page

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

ADDING VALUE TO CANDLES 71-917 Print date 09/16/2019 Item number/ Trade name Version/Issue date: 05/23/2017 7 7 / Page 2 of

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 according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 / Eye Irrit. 2; H319

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 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 th	<u>e substance or mixture</u>
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	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. 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.

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

Item number/ Trade name 71-917 Version/ Issue date: 7 / 0

7 / 05/23/2017

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust. Call a POISON CENTER/doctor/### if you feel unwell. 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

8.2 Exposure controls Respiratory protection

Respiratory protectionWith 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 protectionWear suitable gloves.- Keep only in original packaging. DIN-/EN-Norms EN 420, EN
388 and EN 374 Part 1,3Eye protectionWear cold insulating gloves and either face shield or eye protection. Keep only
in original packaging. EN 166.Body protectionWear suitable protective clothing and shoes.General protection and hygiene
measuresKeep 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.



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

Item number/ Trade name 71-917 Version/ Issue date: 7 /

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form Colour Odour	solid bright green characteristic			
Important health, safety and environme	ntal information			
Initial boiling point and boiling range Melting point/freezing point Flash point/flash point range Ignition temperature Solubility	> 130 °C > 60 °C > 150 °C > 200 °C Product is difficult	60 °C	in water.	
Vapour pressure	not determined			
Density	not determined			
Viscosity				
Explosion limits				
Flow time 4mm (DIN)	not determined			
PH value				
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	Store in accordance with ###. 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	
Rat Acute inhalation toxicity Rat	LC50>	960.0 mg/m³	



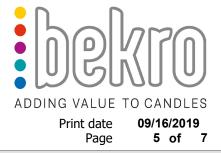
Page

7

4 of

05/23/2017

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



Item number/ Trade name **71-917** Version/ Issue date:

7 / 05/23/2017

1.9

mg/l

SECTION 12: Ecological inf	ormation			
12.1 Toxicity				
Aquatic toxicity				
Easterical affects, and				
Ecotoxicological effects: con	nponents			
bis(2,2,6,6-tetramethyl-4-pi	ineridyl) sebacate			
	EC50=	17.0	ma/l	OECD 202
acute Daphnia toxicity	EC30=	17.0	mg/l	0ECD 202
Daphnia magna (Big water flea)				
acute fish toxicity	LC50=	13.0	mg/l	OECD 203
Oncorhynchus mykiss			5.	
Bacteria toxicity	IC50>	100.0	mg/l	OECD 209
•		100.0	iiig/i	0100 209
Refer to manufacturer/supplier for informat	tion on			

12.2 Persistence and degradability

Evaluation text	
Degree of elimination	
Analytical method	

12.3 Bioaccumulative potential

-

12.4 Mobility in soil

algae toxicity

Scenedesmus subspicatus

-

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).

EC50=

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product Peronmendation

Recommendation

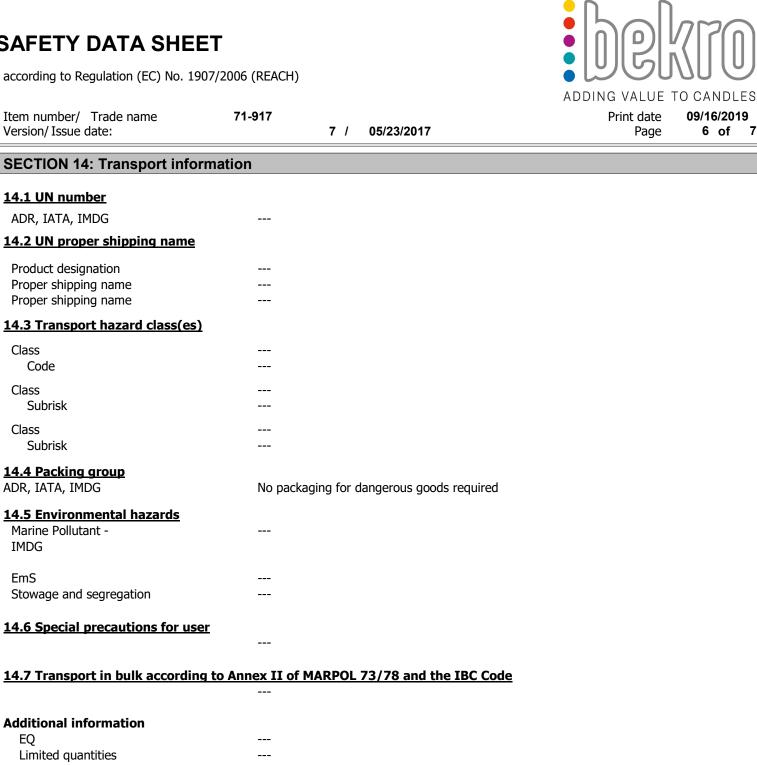
Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.

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.

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



Limited quantities	
Special provisions	
Tunnel restriction	
Transport category	
Kemmler-number	
	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

11
2
No special measures are required.

15.2 Chemical Safety Assessment

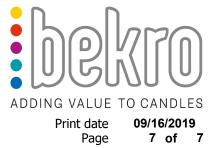
Chemical Safety Assessment

No substance safety evaluation was conducted with the mixture/ substance.

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

Item number/ Trade name **71-917** Version/ Issue date:

7 / 05/23/2017



SECTION 16: Other information

Hazard statements (CLP)

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

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 (nach VwVwS)
AGW	Arbeitsplatzgrenzwert
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 machandises dangereuses (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 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.