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

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

1.1 Product identifier

Item number/ Trade name LIFT Name INCI E number

Color for candles 03-4187 Y4P1-F3J1-Q002-49J3

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

1.4 Emergency telephone number

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

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. 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. 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

3.1 Substances

Mixture of waxes, colouring agents and additives

3.2 Mixtures

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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 according to EC regulation 1272/2008 (CLP): Aquatic Acute 1 (M1); H400 / Eye Dam. 1; H318

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	e 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

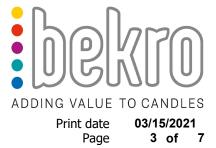
Requirements for storerooms
and containersKeep away from sources of ignition and heat. Store in a cool dry place. Store in
a well-ventilated place. Keep container tightly closed. Protect from direct
sunlight.Storage class117.3 Specific end use(s)
General useColoration of hydrocarbons, waxes, oils and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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Respiratory 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.- according to DIN-/EN-Norms EN 420, EN 388 and EN 374 Part
1,3Eye protectionGoggles according to 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.



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SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	solid		
Colour	grey		
Odour	characteristic		
Important health, safety and environmental information			
*	120.00		

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	Product is difficult to dissolve in water.
Vapour pressure	not determined
Density	not determined
Bulk density	
Dynamic viscosity	
Kinematic viscosity	0 m²/s
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		
<u>10.6 Hazardous decomposition products</u>	Hazardous vapours may form during fires. In case of fire may be liberated: Nitrogen oxides (NOx), carbon monoxide and carbon dioxide		

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

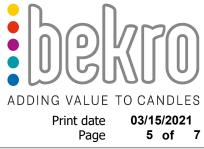
General remarks

No toxicological tests were conducted with the mixture.

Toxicological tests: components
bis(2.2.6.6-tetramethyl-4-piperidyl) sebacate

DIS(2,2,0,0-Letrametriyi-4-piperiuyi) sebacate					
Eye irritation:	-		irreversible damage	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 Rat	LD50>	2000.0	mg/kg		

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Acute inhalation toxicity	LC50>	960.0 mg/m³		

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Ecotoxicological effects: components

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate					
acute Daphnia toxicity	EC50=	17.0	mg/L		
Daphnia magna (Big water flea)					
acute fish toxicity	LC50=	13.0	mg/L		
Oncorhynchus mykiss					
Bacteria toxicity	IC50>	100.0	mg/L		
Refer to manufacturer/supplier for information on					
algae toxicity	EC50=	1.9	mg/L		
Scenedesmus subspicatus			2.		

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.

Package

Recommendation

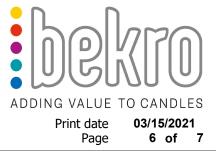
Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG

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.

SECTION 15: Regulatory information

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

National regulations

<u>Germany</u> Storage class Water Hazard Class Information on working limitations

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.

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SECTION 16: Other information

Hazard statements (CLP)

H318 Causes serious eye damage. H400 Very toxic to aquatic life.

Reason of change

General revision

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Abbreviations

no data, not determined or not applicable Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (EG) Nr. 1907/2006) REACH Organisation for Economic Co-operation and Development OECD LD50 Median lethal dose Median lethal concentration LC50 EC50 Median effective dose Median inhibitory concentration IC50 VCI Verband der chemischen Industrie CAS **Chemical Abstract Service** European Inventory of Existing Commercial Chemical Substances EINECS ELINCS European List of Notified Chemical Substances NLP No Longer Polymers CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging Europäische Gemeinschaft EG Wassergefährdungsklasse (according to AwSV, Appendix 1 (5.2)) WGK Arbeitsplatzgrenzwert AGW Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement ADR concerning the International Carriage of Dangerous Goods by Road) Règlement concernant le transport international ferroviaire des machandises dangereuses (International Rule for RID Transport of Dangerous Substances by Railway) IATA International Air Transport Association IMDG International Martime Dangerous Goods International Convention for the Prevention of Pollution From Ships (MARine POLlution) MARPOL **Emergency Schedules** EmS

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.