

# SAFETY DATA SHEET

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

Item number/ Trade name 357

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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  
357

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

### 2.2 Label elements



Warning

Nature of Hazard GHS07 Exclamation mark  
Hazard statements (CLP) H412 Harmful to aquatic life with long lasting effects.  
H317 May cause an allergic skin reaction.  
Precautionary statements (CLP) P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P264 Wash affected areas thoroughly after handling.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container to hazardous or special waste collection point.  
Hazard-determining component(s) of labelling  
Reaction mass of Amines, C10-14branched and linear alkyl,  
bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)] chromate(1-) (1:1) and Amines, C10-14-branched and linear alkyl,  
bis[2,4dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)] chromate(1-)

#### 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

### 3.1 Substances

Mixture of waxes, colouring agents and additives

### 3.2 Mixtures

#### Hazardous ingredients

Reaction mass of Amines, C10-14branched and linear alkyl, bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]chromate(1-) (1:1) and Amines, C10-14-branched and linear alkyl, bis[2,4dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]chromate(1-)

: 2,5 % - 2,99 %

EINECS / ELINCS / NLP: 943-145-3

REACH-Registrierungsnr.: 01-2120759947-32

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

Aquatic Chronic 3; H412 / Skin Sens. 1B; H317

Amines, C10-14-branched and linear alkyl,

bis[2,4-dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]chromate(1-): 1 % - 2,49 %

CAS-Number: 85029-57-8

EINECS / ELINCS / NLP: 285-082-8

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

Aquatic Acute 1; H400 / Aquatic Chronic 1; H410

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 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.

## 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

## 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 against 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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## **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.

## **SECTION 9: Physical and chemical properties**

### **9.1 information on basic physical and chemical properties**

Form	solid
Colour	red
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	---	---
Viscosity	---	---	---
Explosion limits	---	---	
Flow time 4mm (DIN)	not determined		
PH value			---
Partition coefficient: n-octanol/water	---		---

### **9.2 Other information**

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## **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**

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## Reaction mass of Amines, C10-14branched and linear alkyl, bis[2,4-dihydro-4-[(2-hydroxy-5-nitropheny

Acute oral toxicity	LD50 >	5000.0 mg/kg	OECD 401
<i>Rat</i>			
Skin sensitisation	-	sensitising	

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity ---

### Ecotoxicological effects: components

#### Amines, C10-14-branched and linear alkyl, bis[2,4-dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-

Daphnia toxicity:	EC50 (48h)>	0.1 mg/l
<i>Daphnia magna (Big water flea)</i>		

### 12.2 Persistence and degradability

Evaluation text	---
Degree of elimination	---
Analytical method	---

### 12.3 Bioaccumulative potential

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### 12.4 Mobility in soil

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### 12.5 Results of PBT and vPvB assessment

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### 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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#### 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.
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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 ---

Proper shipping name: IMDG ---

### 14.3 Transport hazard class(es)

Class ADR/RID ---

Code: ADR/RID ---

Class IATA ---

Subrisk IATA ---

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

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### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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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.

## 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 3

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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)

- H412 Harmful to aquatic life with long lasting effects.
- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H410 Very toxic 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 (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 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