

SAFETY DATA SHEET



ADDING VALUE TO CANDLES

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

Item number/ Trade name **11051-39-37** testnumber:**34/X2189-36 V2** Print date **11/10/2020**
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Item number/ Trade name **11051-39-37** Liquid colour for candles
testnumber:**34/X2189-36 V2**

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 (Mon. - Thu. 8.00 - 16.30, Fri. 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)

STOT RE 2; H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is con
Skin Irrit. 2; H315 Causes skin irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.

2.2 Label elements



Warning

Nature of Hazard

GHS07 Exclamation mark

GHS08 Health hazard

Hazard statements (CLP)

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Precautionary statements (CLP)

P264 Wash affected areas thoroughly after handling.

P363 Wash contaminated clothing before reuse.

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-determining component(s) of labelling

Solvent naphtha (petroleum), heavy arom.

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

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SECTION 3: Composition / information on ingredients

3.1 Substances

Mixture of solvents, colouring agents and additives

3.2 Mixtures

Hazardous ingredients

1-[[2-methyl-4-[(2-methylphenyl)azo]phenyl]azo]-N-tridecyl-naphthalen-2-amine: 25 % - 49,99 %

CAS-Number: 57712-94-4

EINECS / ELINCS / NLP: 260-913-7

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

Skin Irrit. 2; H315

N-(2-ethylhexyl)-1-[[2-methyl-4-[(2-methylphenyl)azo]phenyl]azo]-naphthalen-1-amine: 25 % - 49,99 %

CAS-Number: 56358-09-9

EINECS / ELINCS / NLP: 260-124-8

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

STOT RE 2; H373 / Skin Irrit. 2; H315 / 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	Remove residues 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 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.

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 the formation of aerosol. Do not breathe vapour/aerosol. Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes, and clothing. Wear suitable protective clothing. Immediately remove all contaminated 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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal. Clean polluted areas with a standard domestic detergent.

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. Do not breathe vapours. When using do not eat, drink, smoke, sniff. Make sure there is sufficient air exchange and / or that working rooms are air suctioned.

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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Naphthalene	USA	ACGIH 2005	WEL	10,000	ppm
Naphthalene	USA	ACGIH 2005	###, ###	15,000	ppm

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. When aerosols and vapours form wear filter apparatus type A (= against vapours of organic substances).
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	liquid		
Colour	dark red		
Odour	characteristic		
Important health, safety and environmental information			
Initial boiling point and boiling range	> 130 °C		
Melting point/freezing point	< 20 °C		
Flash point/flash point range	79 °C		
Ignition temperature	not determined		
Solubility	Product is difficult to dissolve in water.		
Vapour pressure	not determined	---	---
Density	1,004 g/ml	22 °C	---
Viscosity	75 mPa.s	22 °C	---
Explosion limits	---	---	
Flow time 4mm (DIN)	not determined		
PH			---
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

No adverse effects known to this day, when properly handled. Avoid the formation of aerosol. Vapours/aerosols should be exhausted directly at the point of origin.

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 (NO_x), 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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

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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.

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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

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)

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H317 May cause an allergic skin reaction.

H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

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 (according to AwSV, Appendix 1 (5.2))

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