

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **454**
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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
	Neonowy róż SDB 454

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

General use	Coloration of hydrocarbons, waxes, oils and fats
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1.3 Details of the supplier of the safety data sheet

Company/undertaking identification

Grupa Easy Spółka z o.o.
ul. Polna 1a
Krzywda 21-470
Poland
kontakt@easycandle.pl
+ 48 511 779 510

1.4 Emergency telephone number

+48 511 779 510 (08:00 - 16:00) - supplier
112 (national emergency number)

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

Signal word ---

Nature of Hazard ---

Hazard statements H412 Harmful to aquatic life with long lasting effects.

Safety precautions P273 Avoid release to the environment.

P501 Dispose of contents/container to hazardous waste.

Hazard components for labelling

Special provisions concerning the labelling of certain mixtures

EUH208 Contains 3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethylxanthylium chloride(3068-39-1). May produce an allergic reaction.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances

Mixture of waxes, colouring agents and additives

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3.2 Mixtures

Hazardous ingredients

3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethylxanthylium chloride: 0,1 % - 0,99 %

CAS-Number: 3068-39-1

EINECS / ELINCS / NLP: 221-326-1

REACH registration No.: 01-2120107344-68-XXXX

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

Acute Tox. 2; H330 / Acute Tox. 4; H302 / Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1);

H410 / Eye Dam. 1; H318 / Skin Sens. 1; H317

Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs.: 3 % - 9,99 %

CAS-Number: 84605-20-9

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

Aquatic Chronic 4; H413

3,6-bis(diethylamino)-9-[2-(ethoxycarbonyl)phenyl]xanthylium chloride: 0,1 % - 0,99 %

CAS-Number: 2390-63-8

EINECS / ELINCS / NLP: 219-233-6

REACH registration No.: 01-2120107345-66-XXXX

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

Acute Tox. 3; H301 / Acute Tox. 4; H332 / Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1);

H410 / Eye Dam. 1; H318

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	No data available
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4.3 Indication of any immediate medical attention and special treatment needed

Information to physician	No data available
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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 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 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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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 violet
Odour	characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	> 60 °C	---		
Initial boiling point and boiling range	> 130 °C	130 °C		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	> 150 °C	150 °C		
Ignition temperature	---	---		
PH	---	---		---
Viscosity	0 mPa.s	0 mPa.s	---	---
	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	---	---	---	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	Product is difficult to dissolve in 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

No data available

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

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

3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethylxanthylum chloride

oral	LD50	410.0	mg/kg	OECD 401
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Rat

inhalative	LC50		mg/L	OECD 403
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Rat

dermal	LD50	2500.0	mg/kg	OECD 404
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Rat

Toxicological tests: components

Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs.

oral	LD50	5000.0	mg/kg	-
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Rat

dermal	LD50	2000.0	mg/kg	-
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Rat

STOT-repeated exposure	NOAEL(C	1000.0	mg/kg	OECD 407
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In vitro mutagenicity/genotoxicity			not a mutagen	OECD 471 (Ames)
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In vivo mutagenicity/genotoxicity			negative	-
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Mouse

Toxicological tests: components

3,6-bis(diethylamino)-9-[2-(ethoxycarbonyl)phenyl]xanthylum chloride

oral	LD50	200.0	mg/kg	-
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Rat

inhalative	LC50	1.5	mg/L	-
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Rat

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11.2 Information on other hazards

Endocrine disrupting properties No data available
Further details No data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity No data available

Ecotoxicological effects: components

Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs.

Fish toxicity:	LL50 (96h) >	1000.0	mg/L
<i>Oncorhynchus mykiss</i>			
Daphnia toxicity:	EL50 (48h) >	1000.0	mg/L
<i>Daphnia magna</i> (Big water flea)			
Algae toxicity:	EL50 (96) >	100.0	mg/L
<i>Pseudokirchneriella subcapitata</i>			

12.2 Persistence and degradability

Evaluation text No data available
Degree of elimination No data available
Analytical method No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 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 not regulated

14.2 UN proper shipping name

Product designation: ADR/RID No dangerous good in sense of these transport regulations.

Proper shipping name: IATA-DGR ---

Proper shipping name: IMDG ---

14.3 Transport hazard class(es)

Class ADR/RID ---

Classification 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 Maritime transport in bulk according to IMO instruments

Additional information

EQ ---

Limited quantities ---

Special Provisions ---

Tunnel restriction ---

Transport category ---

Kemmler-number ---

No dangerous good in sense of these transport regulations.

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SECTION 15: Regulatory information

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

National regulations

Europe

Germany

Storage class	11
Water Hazard Class	1
Incident regulation	---
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)

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

Reason of change General revision

Abbreviations

--- no data, not determined or not applicable
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 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 European Union
WGK water hazard class (according to AwSV, Appendix 1 (5.2))
AGW Occupational Exposure Limit
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 (Regulation on the international carriage of dangerous goods by rail)
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
PBT persistent, bioaccumulative and toxic
vPvB very persistent and very bioaccumulative