



SAFETY DATA SHEET

UNI-LIGHT-GREY

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Compilation date: 04.02.2014

Revision No: 2

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

1.1. Product identifier

Product name: UNI-LIGHT-GREY

Product code: CG

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

Use of substance / mixture: Filler for industrial or professional application. For information regarding additional possible application please email us or dial the indicated phone number as shown below. We will connect you with our responsible technical personnel.

1.3. Details of the supplier of the safety data sheet

Company name: AIRO CHEMIE

A. Schmiemann GmbH & Co KG

Carl-Leverkus Str. 27

D - 40764 Langenfeld

Deutschland

Tel: [49] 02173 8538-0

Fax: [49] 02173 8538-60

Email: labor@airo-chemie.com

1.4. Emergency telephone number

Emergency tel: 030-30686790

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; Xn: R20; Xi: R36/38

Classification under CLP: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Eye Irrit. 2: H319; -: EUH208

Most important adverse effects: Flammable. Harmful by inhalation. Irritating to eyes and skin.

2.2. Label elements

Label elements under CLP:

Hazard statements: EUH208: Contains fettsÄuren c6-19-verzweigt, cobalt (23+) salze. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

[cont...]

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Precautionary statements: P102: Keep out of reach of children.
P243: Take precautionary measures against static discharge.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection.
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+378: In case of fire: Use alcohol-resistant foam for extinction.

Label elements under CHIP:

Hazard symbols: Harmful.



Risk phrases: R10: Flammable.
R20: Harmful by inhalation.
R36/38: Irritating to eyes and skin.

Safety phrases: S2: Keep out of the reach of children.
S23: Do not breathe steam.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S60: This material and its container must be disposed of as hazardous waste.

Precautionary phrases: Restricted to professional users.
Contains fettsÄuren c6-19-verzweigt, cobalt (23+) salze. May produce an allergic reaction.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

[cont...]

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STYRENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-851-5	100-42-5	-: R10; Xn: R20; Xi: R36/38	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-20%

FETTSÄUREN C6-19-VERZWEIGT, COBALT (23+) SALZE

270-066-5	68409-81-4	Xn: R22; Xi: R38; Sens.: R43; N: R51/53	Skin Sens. 1: H317; Aquatic Chronic 2: H411; Acute Tox. 4: H302; Skin Irrit. 2: H315	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Coated steel.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

STYRENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	86 mg/m ³	2	-	-

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

[cont...]

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8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Rubber gloves. Breakthrough time of the glove material > 8 hours.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Grey

Odour: Characteristic odour

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Viscosity: Highly viscous

Kinematic viscosity: n.V.

Boiling point/range°C: 145

Melting point/range°C: n.V.

Flammability limits %: lower: 1,1

upper: 8

Flash point°C: 34

Autoflammability°C: 480

Vapour pressure: 7 mbar

Relative density: 1,283 g/cm³

VOC g/l: 225 g/l

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

[cont...]

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Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

STYRENE

IVN	MUS	LD50	90	mg/kg
ORL	MUS	LD50	316	mg/kg
ORL	RAT	LD50	2650	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 04 09

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Polyester resin for multi-component systems (base + hardener) must be declared with UN no. 3269 according to GGVS/ADR and IMDG-code.

Phrases used in s.2 and 3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H411: Toxic to aquatic life with long lasting effects.

[cont...]

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R10: Flammable.

R20: Harmful by inhalation.

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

