

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Trade name**

37-831 Fälgrengöring

Article No.

37-831

UFI code

H0YQ-Q4TH-510G-QC4V

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

Colour Aerosol

Relevant identified uses

Chromium, rim and other metal cleaners – all vehicle types

Not suitable for use in

No known

1.3. Details of the supplier of the safety data sheet**Supplier**

BILTEMA SWEDEN AB

Street address

Garnisonsgatan 26, 2nd FL

SE-254 66 Helsingborg

Sweden

Telephone

+46 77 520 00 00

Email

kundservice@biltema.com

Web site

www.biltema.se

1.4. Emergency telephone number

Giftinformationscentralen

Available outside office hours

No

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Skin sensitisation, hazard category 1
 Eye irritation, hazard category 2
 Acute toxicity, dermal, hazard category 4
 Acute toxicity, oral, hazard category 4

Hazard statements

H302, H317, H319

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H302 Harmful if swallowed.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.
 P101 If medical advice is needed, have product container or label at hand.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves.
 P280 Wear eye protection.
 P333 +P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of contents/container to Hazardous waste incineration.

2.3. Other hazards

No data available

Other

<5 % anionic surfactants, DIMETHYLOL GLYCOL, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE
 The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.
 Handle in accordance with good occupational hygiene and safety practices.
 Avoid release to the environment.

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
2-butoxyethanol; ethylene glycol monobutyl ether	111-76-2 203-905-0 - -	5 - 10%	Acute Tox. 4 - oral, Acute Tox. 4 - dermal, Skin Irrit. 2, Eye Irrit. 2, Acute Tox. 4 - inhalation	H302, H312, H315, H319, H332 - -	Oral: ATE = 1200 mg/kg;
Sodium Thioglycolate	367-51-1 206-694-4 01-2119968564-24 -	5 - 10%	Met. Corr. 1, Acute Tox. 3 - oral, Acute Tox. 4 - dermal, Skin Sens. 1	H290, H301, H312, H317 - -	-
Sodium etasulfate	126-92-1 204-812-8 - -	0.5 - 1%	Skin Irrit. 2, Eye Dam. 1	H315, H318 - -	-
2-ethylhexan-1-ol	104-76-7 203-234-3 - -	0 - <0.1%	-	- - -	-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Call a doctor if you feel unwell. No known symptoms so far.

If unconscious but breathing normally, place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Observe risk of aspiration if vomiting occurs.

If breathing is irregular or stopped, administer artificial respiration. In the event of cardiac arrest immediately perform cardiopulmonary resuscitation.

Inhalation

Remove casualty to fresh air and keep warm and at rest.

Get medical advice/attention if you feel unwell.

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

Skin contact

Remove/Take off immediately all contaminated clothing.

After contact with skin, wash immediately with plenty of water and soap.

In case of skin irritation, consult a physician.

Eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Protect eyes with sterile gauze.

Do not use drops or ointments of any kind before visiting the specialist doctor.

Ingestion

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Information for doctors

Special hazards arising from the substance or mixture : Respiratory complaints Causes serious eye irritation. Nausea May cause an allergic skin reaction.

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

No data available

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

In case of fire: Use ... to extinguish. Dry extinguishing powder , Carbon dioxide , alcohol resistant foam , Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire, harmful gases (carbon monoxide and carbon dioxide) can be formed.

Exposure to combustion gases can lead to serious health risks.

During heating or in case of fire poisonous gases are produced.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Depending on the fire size, wear self-contained breathing apparatus and protective coveralls and chemical

resistant protective clothing. Do not allow run-off from fire-fighting to enter drains or water courses.

Other

Wear fire resistant or flame retardant clothing. Always wear full fire prevention gear.

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Larger spills are embedded with sand, soil or similar and collected. In the event of spillage that entails a risk of environmental damage, contact the responsible authority.

6.2. Environmental precautions

Wipe up with absorbent material (eg. cloth, fleece).
Avoid discharge to soil, water or sewers

6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (eg. cloth, fleece).

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Provide adequate ventilation as well as local exhaustion at critical locations. Avoid exceeding given hygienic limit values. Wear personal protection equipment (refer to section 8).

General hygiene

Handle in accordance with good occupational hygiene and safety practices. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container in a cool, well-ventilated place.
Recommended storage temperature : 5-25 °C Storage: class 8B - Non-combustible corrosive substances

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

8.2. Exposure controls

Appropriate engineering controls

Use a properly ventilated environment, in order to maintain the concentration below the exposure limits.

If the measures of environmental hygiene are not enough to fall below these limits, appropriate respiratory protection must be used.

When using do not eat, drink, smoke, sniff.

Eye / face protection

Eye protection should be used if there is a risk of direct contact or splashes.

Hand protection

By long-term hand contact Wear suitable protective gloves.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Always follow current procedures for handling the product. Filtering Half-face mask (EN 149) Compressed air self rescuer

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

violet

Odour

SULPHUR

Odour threshold

not determined

Melting point / freezing point

not determined

Boiling point or initial boiling point and boiling range

< 0 °C

Flammability

No data available

Lower and upper explosion limit

No data available

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

Flash point

< 100 °C

Auto-ignition temperature

> 200 °C

Decomposition temperature

No data available

pH

8 - 9

Kinematic viscosity

No data available

Viscosity, dynamic

not determined

Solubility

No data available

Water solubility

not determined

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

No data available

Relative density

1,05-1,1 g/cm³ at 20 °C

Relative vapour density

not determined

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid freezing

10.5. Incompatible materials

Keep away from oxidizing agents, strongly acidic or alkaline products.

10.6. Hazardous decomposition products

In case of fire, harmful gases (carbon monoxide and carbon dioxide) can be formed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Acute toxicity

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Hydrocarbons , C3-C4 68476-40-4	LC50	14442738 mg/m³	inhalative	-	Rat	Clark DG and Tiston (1982)
Hydrocarbons C3-C4 68476-40-4	LC50	1443 mg/L	inhalative	1/4 h	Rat	Clark DG and Tiston DJ (1982)
Hydrocarbons C3-C4 68476-40-4	LC50	800000 ppm	inhalative	¼h	Rat	Clark DG and Tiston (1982)
Hydrocarbons C3-C4 68476-40-4	NOAEC	10000 ppm	inhalative	390h	Rat	(OECD Guideline 413 EPA OPPTS 870.3465 (90)
Acetone 67-64-1	LD50	5800 mg/kg	oral	-	Rat	-
Acetone 67-64-1	LD50	>20000 mg/kg	Dermal	-	kanin	-
Acetone	LC50	>50 mg/L	inhalative	4h	Rat	-

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
67-64-1						
ethyl acetate 141-78-6	LD50	>5000 mg/kg bw	oral	-	Rat	-
n-butyl acetate 123-86-4	LD50	>6400 mg/kg	oral	-	Rat	-
n-butyl acetate 123-86-4	LD50	>5000 mg/kg	Dermal	-	Rabbit	-
n-butyl acetate 123-86-4	LC50	21 mg/L	inhalative	4h	Rat	-
2-methoxy-1- methylethyl acetate 108-65-6	LD50	=>5000 mg/kg	oral	-	Mouse	-
2-methoxy-1- methylethyl acetate 108-65-6	LD50	=>5000 mg/kg	Dermal	-	Mouse	-
2-methoxy-1- methylethyl acetate 108-65-6	LC50	37 mg/L	inhalative	4h	Rat	-
ethyl acetate 141-78-6	LD50	>18000 mg/kg	Dermal	-	Rabbit	-
ethyl acetate 141-78-6	LD50	>20000 mg/kg- bw	-	-	Rabbit	-
ethyl acetate 141-78-6	LC50	44 mg/L	inhalative	4h	Rat	-
xylene, mixed isomers, pure 1330-20-7	LD50	3523 mg/kg	oral	-	Rat	-
xylene, mixed isomers, pure 1330-20-7	LD50	4350 mg/kg	Dermal	-	Rabbit	-
xylene, mixed isomers, pure 1330-20-7	LC50	27 mg/L	inhalative	4h	Rat	-
ethyl acetate 141-78-6	LCL	>6000 ppm	inhalative	6h	Rat	-

Skin corrosion/irritation
the classification criteria are not met

Serious eye damage/irritation
Causes serious eye irritation.

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Genotoxicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Product / Substance name CAS / EC no.	Exposure route	Species	Result	Duration of exposure	Other
xylene, mixed isomers, pure 1330-20-7	oral	-	500 mg/kg bw/day	-	NOAEL
xylene, mixed isomers, pure 1330-20-7	oral	Rat	250 mg/kg bw/day	2160h	NOAEL
xylene, mixed isomers, pure 1330-20-7	inhalative	Rat	=>610 ppmV/6h/day	2160h	NOAEL

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Toxicity in case of inhalation

exceeding exposure limit values : Occupational exposure limit values
Harmful if inhaled.

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

No data available

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
2-methoxy-1-methylethyl acetate 108-65-6	LC50	100-180 mg/L	96h	Oncorhynchus mykiss (Rainbow trout)	-
xylene, mixed isomers, pure 1330-20-7	LC50	=>2.6 mg/L	96h	-	-
Hydrocarbons C3-C4 68476-40-4	LC50	24.11 mg/L	96h	-	QSAR EPA 2008
Acetone 67-64-1	LC50	4042 mg/L	336h	-	-
Ethyl acetate 141-78-6	LC50	230 mg/L	96h	Pimephales promelas (fathead minnow)	-
n-butyl acetate 123-86-4	LC50	18 mg/L	96h	Pimephales promelas (fathead minnow)	-

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Acetone 67-64-1	EC50	302 mg/L	96h	-
ethyl acetate 141-78-6	LC50	5600 mg/L	48h	Desmodesmus subspicatus
ethyl acetate 141-78-6	LC50	>5000 mg/L	48h	-
Ethyl acetate 141-78-6	NOEC	>100 mg/L	72h	Scenedesmus subspicatus
xylene, mixed isomers, pure 1330-20-7	NOEC	0.44 mg/L	72h	-

Acute crustacean toxicity

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Hydrocarbons C3- C4 68476-40-4	LC50	14.22 mg/L	48h	Daphnia magna (Big water flea)	USEPA OPP 2008
Acetone 67-64-1	LC50	1680 mg/L	48h	Daphnia magna (Big water flea)	-
ethyl acetate 141-78-6	EC50	260 mg/L	48h	Daphnia magna (Big water flea)	-
Ethyl acetate 141-78-6	NOEC	2.4 mg/L	168h	Daphnia magna (Big water flea)	-
n-butyl acetate 123-86-4	EC50	44 mg/L	48h	Daphnia magna (Big water flea)	-
2-methoxy-1- methylethyl acetate 108-65-6	EC50	408-500 mg/L	-	Daphnia magna (Big water flea)	-
2-methoxy-1- methylethyl acetate 108-65-6	EC50	=>400 mg/L	48h	Daphnia magna (Big water flea)	-
xylene, mixed isomers, pure 1330-20-7	EC50	=>1 mg/L	24h	Daphnia magna (Big water flea)	-
xylene, mixed isomers, pure 1330-20-7	EC50	=>3.4 mg/L	48h	Daphnia magna (Big water flea)	-
xylene, mixed isomers, pure 1330-20-7	NOEC	=>0.96 mg/L	168h	Daphnia magna (Big water flea)	-

12.2. Persistence and degradability**Persistence and degradability**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil**Mobility**

This information is not available.

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Avoid release to the environment.

12.6. Endocrine disrupting properties

No data available

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring

12.7. Other adverse effects

No data available

Other

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Ensure waste is collected and contained. Dispose of contents/container to an appropriate recycling or disposal facility. Do not allow to enter into surface water or drains.

Packaging

Handle contaminated packages in the same way as the substance itself.

Waste code	Description
15 01 10*	packaging containing residues of or contaminated by hazardous substances
15 01 02	plastic packaging
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

According to Regulation (EC) No 1907/2006

37-831 Fälgrengöring**Other**

Not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations**

Regulation (EC) No 1907/2006 (REACH)

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008

[CLP]

Regulation (EC) No. 648/2004 (Detergents regulation)

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes to previous revision**

Version : 1

Phrase meaning

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Acute Tox. 4 - dermal - Acute toxicity, dermal, hazard category 4

Skin Irrit. 2 - Skin irritation, hazard category 2

Eye Irrit. 2 - Eye irritation, hazard category 2

Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4

Met. Corr. 1 - Corrosive to metals, hazard category 1

Acute Tox. 3 - oral - Acute toxicity, oral, hazard category 3

Skin Sens. 1 - Skin sensitisation, hazard category 1

Eye Dam. 1 - Serious eye damage, hazard category 1

H290 May be corrosive to metals.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.