

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

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

1.1 Product identifier

Trade name: *Bizerba Etikettenentferner Aerosol***UFI:** TXF5-UV7G-G00A-JRM1

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

No further relevant information available.

Application of the substance / the mixture *Cleaning material/ Detergent*

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:*Bizerba SE & Co. KG**Wilhelm-Kraut-Straße 65**72336 Balingen**Germany**Tel.: +49 (0) 7433 12-0**Fax: +49 (0) 7433 12-1350**vertrieb@bizerba.com***Further information obtainable from:** *Customer Service Department*

1.4 Emergency telephone number:

Bizerba Helpline +49 7433/122 911 during normal opening times (Mon-Fri 9 a.m.-4 p.m.)

SECTION 2: Hazards identification

2.1 Classification according to Regulation (EC) No 1272/2008

**GHS02 flame****Aerosol 1** **H222-H229** *Extremely flammable aerosol. Pressurised container: May burst if heated.***GHS09 environment****Aquatic Chronic 2 H411** *Toxic to aquatic life with long lasting effects.***GHS07****Skin Sens. 1** **H317** *May cause an allergic skin reaction.***STOT SE 3** **H336** *May cause drowsiness or dizziness.*

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008*The product is classified and labelled according to the CLP regulation.*

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: **Bizerba Etikettenentferner Aerosol**

(Contd. of page 1)

Hazard pictograms

GHS02 GHS07 GHS09

Signal word Danger**Hazard-determining components of labelling:**

Naphtha (petroleum), light alkylate

Orange juice oil

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

P273 Avoid release to the environment.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** This substance is neither persistent, bioaccumulative nor toxic (PBT).**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Preparation****Description:** Mixture of subsequent listed substances and harmless additives.**Dangerous components:**

CAS: 64741-66-8 EC number: 921-728-3	Naphtha (petroleum), light alkylate Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	50- <100%
CAS: 106-97-8 EINECS: 203-448-7	butane, pure Flam. Gas 1A, H220; Acute Tox. 3, H331; Press. Gas (Comp.), H280	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane Flam. Gas 1A, H220; Acute Tox. 1, H330; Press. Gas (Comp.), H280	2.5-10%
CAS: 8028-48-6 EINECS: 232-433-8	Orange juice oil Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥1- <2.5%

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: Bizerba Etikettenentferner Aerosol

(Contd. of page 2)

Regulation (EC) No 648/2004 on detergents / Labelling for contents

≥30% aliphatic hydrocarbons

Perfumes

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Take affected persons out into the fresh air.

Do not leave affected persons unattended.

Personal protection for the First Aider.

After inhalation:

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

In case of inhaling spray mist consult a doctor and show packaging or safety data sheet.

After skin contact:

Wash contaminated skin with water and soap and rinse thoroughly. Remove contaminated clothing. Get medical attention if symptoms occur.

After eye contact:

Rinse opened eye for several minutes under running water. Remove contact lenses, continue rinsing. If symptoms persist, consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic/irritant gases is possible during heating or in case of fire.

Products of decomposition see chapter 10.

5.3 Advice for firefighters

Cool containers affected from fire with water from protective cover - danger of bursting.

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep away unprotected persons.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

Keep away from open flames, hot surfaces and sources of ignition.

Avoid contact with skin and eyes.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: Bizerba Etikettenentferner Aerosol

(Contd. of page 3)

*Do not inhale vapours and aerosols.
Close leakage without taking personal risks.*

6.2 Environmental precautions:

*Do not allow to enter sewers/ surface or ground water.
In case of seepage into the ground inform responsible authorities.*

6.3 Methods and material for containment and cleaning up:

*Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.*

6.4 Reference to other sections

*See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.*

SECTION 7: Handling and storage

7.1 Precautions for safe handling

*Prevent contact with eyes.
Prevent longer or repeated contact with skin.
Keep receptacles tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Particular danger of slipping on leaked/spilled product.
Remove contaminated clothing.
Keep away from food, drink and animal feeding stuffs.
Wash hands before breaks and at end of work
Do not eat, drink or smoke while working.*

Information about fire - and explosion protection:

*Keep away ignition sources - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Do not spray onto a naked flame or any incandescent material.*

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and receptacles:**

*Observe official regulations on storing packagings with pressurised containers.
Provide solvent resistant, sealed floor.
Prevent any seepage into the ground.*

Information about storage in one common storage facility:

*Store away from oxidising agents.
Store away from food, beverage and feedingstuff.*

Further information about storage conditions:

*Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Storage class: 2 B - pressurized gas (aerosol)*

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7.

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: Bizerba Etikettenentferner Aerosol

(Contd. of page 4)

Ingredients with limit values that require monitoring at the workplace:**CAS: 106-97-8 butane, pure**

WEL Short-term value: 1810 mg/m³, 750 ppm
Long-term value: 1450 mg/m³, 600 ppm
Carc (if more than 0.1% of buta-1.3-diene)

DNELs**CAS: 64741-66-8 Naphtha (petroleum), light alkylate**

Oral	Long term exposure	699 mg/kg KG/Tag (consumer)
Dermal	Long term exposure	773 mg/kg (worker) 699 mg/kg (consumer)
Inhalative	Long term exposure	2,035 mg/m ³ (worker) 608 mg/m ³ (consumer)

Additional information: The lists that were valid during the creation were used as basis.

8.2 Exposure controls**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Do not eat or drink while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid close or long term contact with the skin.

Avoid contact with the eyes.

Respiratory protection:

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device only when aerosol or mist is formed.

Filter AX

Protection of hands:

Protective gloves (EN 374)

Material of gloves

Use solvent/hydrocarbon resistant gloves. Suitable are gloves from: nitrile rubber (thickness >0,38 mm, breakthrough time > 480 min), fluorocarbon rubber (thickness >0,38 mm, breakthrough time > 480 min).

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side protection (EN 166).

Body protection: Protective work clothing (EN 14605)

GB

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: *Bizerba Etikettenentferner Aerosol*

(Contd. of page 5)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Aerosol
Colour:	Colourless
Odour:	Nearly odourless
Odour threshold:	Not determined.

Change in condition

Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	<65 °C

Flash point:	<-20 °C
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Flammability (solid, gas):	Not applicable.
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Ignition temperature:	Not determined.
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Product is not selfigniting.
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Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
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Explosion limits:

Upper:	
Oxidising properties	Non oxidising.

Density at 20 °C:	0.7 g/cm ³
Relative density	Not determined.
Evaporation rate	Not applicable.

Solubility in / Miscibility with water:	Not miscible.
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Partition coefficient: n-octanol/water:	Not determined.
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9.2 Other information	No further relevant information available.
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SECTION 10: Stability and reactivity

10.1 Reactivity Stable under recommended storage conditions.

10.2 Chemical stability Stable under normal conditions.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

Heat, flames and sparks.

Keep away from strong oxidants as well as reducing agents.

10.5 Incompatible materials: strong oxidants

10.6 Hazardous decomposition products:

In case of fire:

CO₂, CO, NO_x

Under certain conditions of fire, other toxic/irritant substances may form.

GB

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: **Bizerba Etikettenentferner Aerosol**

(Contd. of page 6)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

CAS: 106-97-8 butane, pure

Inhalative	LC50 / 4 h	658 mg/l (rat)
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CAS: 74-98-6 propane

Inhalative	LC50 / 4 h	20 mg/l (rat)
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Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Additional toxicological information:

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity 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.

STOT-single exposure

May cause drowsiness or dizziness.

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 106-97-8 butane, pure

EC50 / 48 h	69.43 mg/l (Daphnia magna)
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LC50 / 96 h	49.9 mg/l (fish)
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CAS: 74-98-6 propane

EC50 / 48 h	69.43 mg/l (Daphnia magna)
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LC50 / 96 h	49.9 mg/l (fish)
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CAS: 8028-48-6 Orange juice oil

LC50	0.7 mg/l /96h (Pimephales promelas)
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EC50 / 48 h	0.4 mg/l (Daphnia magna)
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NOEC	4 mg/l /96h (algae)
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12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential Bioaccumulation is not to be expected.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Toxic to aquatic life with long lasting effects.

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

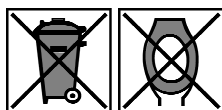
Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: *Bizerba Etikettenentferner Aerosol*

(Contd. of page 7)

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** At intended use no interferences with environment are known or expected.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

European waste catalogue

14 06 03* other solvents and solvent mixtures

15 01 10* packaging containing residues of or contaminated by hazardous substances

Uncleaned packaging:**Recommendation:** Disposal must be made according to official regulations.**Recommended cleansing agents:** Water, if necessary together with cleansing agents.**SECTION 14: Transport information****14.1 UN-Number**

ADR, IMDG, IATA

UN1950

14.2 UN proper shipping name

ADR

1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS

IMDG

AEROSOLS

IATA

AEROSOLS, non-flammable

14.3 Transport hazard class(es)

ADR



Class

2 5A Gases.

Label

2.1

IMDG, IATA



Class

2.1

Label

2.1

14.4 Packing group

ADR, IMDG, IATA

not regulated

(Contd. on page 9)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: *Bizerba Etikettenentferner Aerosol*

(Contd. of page 8)

14.5 Environmental hazards:	Product contains environmentally hazardous substances: 2,2,4-trimethylpentane
Special marking (ADR):	Symbol (fish and tree)

14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
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Transport/Additional information:

ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Transport category	3
Tunnel restriction code	E

IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity

UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS02 GHS07 GHS09

Signal word *Danger***Hazard-determining components of labelling:**Naphtha (petroleum), light alkylate
Orange juice oil

(Contd. on page 10)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: Bizerba Etikettenentferner Aerosol

(Contd. of page 9)

Hazard statementsH222-H229 *Extremely flammable aerosol. Pressurised container: May burst if heated.*H317 *May cause an allergic skin reaction.*H336 *May cause drowsiness or dizziness.*H411 *Toxic to aquatic life with long lasting effects.***Precautionary statements**P101 *If medical advice is needed, have product container or label at hand.*P102 *Keep out of reach of children.*P103 *Read carefully and follow all instructions.*P210 *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*P251 *Do not pierce or burn, even after use.*P273 *Avoid release to the environment.*P280 *Wear protective gloves.*P302+P352 *IF ON SKIN: Wash with plenty of water.*P405 *Store locked up.*P410+P412 *Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.*P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.***Directive 2012/18/EU****Named dangerous substances - ANNEX I** *None of the ingredients is listed.***Seveso category**P3a **FLAMMABLE AEROSOLS**E2 *Hazardous to the Aquatic Environment***Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**REGULATION (EC) No 1907/2006 ANNEX XVII** *Conditions of restriction: 3*

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

*None of the ingredients is listed.***15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrasesH220 *Extremely flammable gas.*H225 *Highly flammable liquid and vapour.*H226 *Flammable liquid and vapour.*H280 *Contains gas under pressure; may explode if heated.*H304 *May be fatal if swallowed and enters airways.*H315 *Causes skin irritation.*H317 *May cause an allergic skin reaction.*H330 *Fatal if inhaled.*H331 *Toxic if inhaled.*H336 *May cause drowsiness or dizziness.*H411 *Toxic to aquatic life with long lasting effects.***Training hints**

Upon request trainings for to ensure safety of human health and of environment can be given. Contact see below.

(Contd. on page 11)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2021

Version number 2.1

Revision: 18.01.2021

Trade name: Bizerba Etikettenentferner Aerosol

(Contd. of page 10)

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Contact: Email: Bizerba.Kundendienst@bizerba.com

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 1: Acute toxicity – Category 1

Acute Tox. 3: Acute toxicity – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Sources

Data of raw material suppliers.

GESTIS-Stoffdatenbank, Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung, <https://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp>.