

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

840 - Diamond cut clearcoat 250 ml

Product no.

840

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Topcoat finishing

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

HBC System Smarttool Production ApS
Hobrovej 961-963
9530 Støvring
Denmark
tel:+45 70 22 70 70

Contact person

Vibeke Jørgensen

E-mail

info@hbc-system.com

SDS date

2018-04-17

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Aerosol 1; H222, H229
Flam. Liq. 3; H226
Acute Tox. 4; H302 + H332
Asp. Tox. 1; H304
Skin Irrit. 2; H315
Skin Sens. 1; H317
Eye Irrit. 2; H319
Resp. Sens. 1; H334
STOT SE 3; H335
STOT SE 3; H336
Aquatic Chronic 2; H411
See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

- Extremely flammable aerosol. (H222)
- Flammable liquid and vapour. (H226)
- Pressurised container: May burst if heated. (H229)
- Harmful if swallowed or if inhaled. (H302 + H332)
- May be fatal if swallowed and enters airways. (H304)
- Causes skin irritation. (H315)
- May cause an allergic skin reaction. (H317)
- Causes serious eye irritation. (H319)
- May cause allergy or asthma symptoms or breathing difficulties if inhaled. (H334)
- May cause respiratory irritation. (H335)
- May cause drowsiness or dizziness. (H336)
- Toxic to aquatic life with long lasting effects. (H411)

Safety statement(s)

- General** -
- Prevention** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210).
Do not pierce or burn, even after use. (P251).
- Response** Do NOT induce vomiting. (P331).
IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310).
- Storage** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412).
- Disposal** Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

Acrylic Resin, Poly Hexamethylene Diisocyanate, Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified [A complex combi

2.3. Other hazards

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

Additional labelling

Contains isocyanates. May produce an allergic reaction. (EUH204)

Additional warnings

Not applicable

VOC

Not applicable

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	Poly Hexamethylene Diisocyanate
IDENTIFICATION NOS.:	CAS-no: 28182-81-2 EC-no: 927-271-6 REACH-no: 01-2119485796-17
CONTENT:	25-40%
CLP CLASSIFICATION:	Acute Tox. 4, STOT SE 3, Eye Irrit. 2, Skin Sens. 1 H317, H319, H332, H335
NOTE:	P
NAME:	Acrylic Resin
IDENTIFICATION NOS.:	CAS-no: 25035-69-2 EC-no: 607-492-1
CONTENT:	25-40%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1 H315, H319, H334
NAME:	Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified [

IDENTIFICATION NOS.:	A complex combi
CONTENT:	CAS-no: 64742-95-6 EC-no: 265-199-0 Index-no: 649-356-00-4 25-40%
CLP CLASSIFICATION:	Flam. Liq. 3, STOT SE 3, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2 H226, H304, H315, H335, H336, H411
NAME:	n-butyl acetate
IDENTIFICATION NOS.:	CAS-no: 123-86-4 EC-no: 204-658-1 REACH-no: 01-2119485493-29 Index-no: 607-025-00-1
CONTENT:	1 - <2.5%
CLP CLASSIFICATION:	Flam. Liq. 3, STOT SE 3 H226, H336, EUH066
NOTE:	S
NAME:	ethyl acetate
IDENTIFICATION NOS.:	CAS-no: 141-78-6 EC-no: 205-500-4 REACH-no: 01-2119475103-46 Index-no: 607-022-00-5
CONTENT:	1 - <2.5%
CLP CLASSIFICATION:	Flam. Liq. 2, STOT SE 3, Eye Irrit. 2 H225, H319, H336, EUH066
NOTE:	S

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

S = Organic solvent P = Prepolymer isocyanate

Other information

ATEmix(inhale, vapour) > 20
 ATEmix(inhale, dust/mist) = 3,432 -
 ATEmix(inhale, gas) > 20000
 ATEmix(dermal) > 2000
 ATEmix(oral) = 1142,856 - 1714,284
 Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 5,72 - 8,58
 Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 4,8 - 7,2
 N chronic (CAT 2) Sum = Sum(Ci/(M(chronic)*25)*0.1*10^CATi) => > 1 - 1,2

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure to flush under the upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

Burns

Rinse with water until the pain stops then continue to rinse for a further 30 minutes.

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Sensitisation: This product contains substances, which may produce an allergic reaction through inhalation. The allergic reaction is typically taking place within an hour subsequent to exposure. The reaction results in an inflammatory reaction to the lungs.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances. Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid static electricity. Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools.

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Storage temperature

Room temperature 18 to 23°C

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

ethyl acetate

Long-term exposure limit (8-hour TWA reference period): 200 ppm | - mg/m³

Short-term exposure limit (15-minute reference period): 400 ppm | - mg/m³

n-butyl acetate

Long-term exposure limit (8-hour TWA reference period): 150 ppm | 724 mg/m³

Short-term exposure limit (15-minute reference period): 200 ppm | 966 mg/m³

Solvent naphtha (petroleum), light arom. Low boiling point...

Long-term exposure limit (8-hour TWA reference period): - ppm | 5 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | 10 mg/m³

DNEL / PNEC

DNEL (n-butyl acetate): 102,34 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (n-butyl acetate): 960 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Local effects - Workers

DNEL (n-butyl acetate): 960 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Systemic effects - Workers

DNEL (n-butyl acetate): 480 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (n-butyl acetate): 480 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - Workers

DNEL (n-butyl acetate): 859,7 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Systemic effects - General population

DNEL (n-butyl acetate): 102,34 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - General population

DNEL (n-butyl acetate): 859,7 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Local effects - General population

DNEL (ethyl acetate): 734 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Systemic effects - General population

DNEL (ethyl acetate): 1468 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Systemic effects - Workers

DNEL (ethyl acetate): 4,5 mg/kg

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

DNEL (ethyl acetate): 734 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - Workers

DNEL (ethyl acetate): 367 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - General population

DNEL (ethyl acetate): 1468 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Local effects - Workers

DNEL (ethyl acetate): 734 mg/m³

Exposure: Inhalation

According to EC-Regulation 2015/830

Duration of Exposure: Short term – Local effects - General population

DNEL (ethyl acetate): 63 mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (ethyl acetate): 37 mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (ethyl acetate): 734 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (ethyl acetate): 367 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

PNEC (n-butyl acetate): 35,6 mg/L

Exposure: Sewage Treatment Plant

PNEC (n-butyl acetate): 0,18 mg/L

Exposure: Freshwater

PNEC (n-butyl acetate): 0,018 mg/L

Exposure: Marine water

PNEC (n-butyl acetate): 0,36 mg/L

Exposure: Intermittent release

PNEC (n-butyl acetate): 0,981 mg/kg

Exposure: Freshwater sediment

PNEC (n-butyl acetate): 0,0981 mg/kg

Exposure: Marine water sediment

PNEC (n-butyl acetate): 0,09903 mg/kg

Exposure: Soil

PNEC (ethyl acetate): 0,26 mg/L

Exposure: Freshwater

PNEC (ethyl acetate): 0,026 mg/L

Exposure: Marine water

PNEC (ethyl acetate): 1,65 mg/L

Exposure: Intermittent release

PNEC (ethyl acetate): 1,25 mg/kg

Exposure: Freshwater sediment

PNEC (ethyl acetate): 0,125 mg/kg

Exposure: Marine water sediment

PNEC (ethyl acetate): 0,24 mg/kg

Exposure: Soil

8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations

Observe general occupational hygiene standards.

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep containment materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

Recommended: AX. Brown

Skin protection

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

Hand protection

Recommended: Butyl rubber

Eye protection

Wear safety glasses with side shields.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	40 - <60
Density (g/cm ³)	No data available.

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	38
Vapour pressure (25°C)	7,43 mmHg
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

Data on fire and explosion hazards

Flash point (°C)	23
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	1 - 9 v/v%
Explosive properties	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Avoid static electricity. Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance: ethyl acetate
Species: Rabbit
Test: LD50
Route of exposure: Oral
Result: 4935 mg/kg

Substance: ethyl acetate
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 11,3 g/kg

Substance: ethyl acetate
Species: Guinea pig
Test: LD50
Route of exposure: Intraperitoneal
Result: 709 mg/kg

Substance: ethyl acetate
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 1600 mg/L

Substance: n-butyl acetate
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 10768 g/kg

Substance: n-butyl acetate
Species: Rabbit
Test: LD50
Route of exposure: Skin
Result: > 5000 mg/kg

Substance: n-butyl acetate
Species: Rat
Test: LD50
Route of exposure: Oral
Result: > 6400 mg/kg

Substance: n-butyl acetate
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 2000 ppm

Substance: n-butyl acetate
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 21.1 mg/l/4h

Substance: Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified [A complex combi
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 8400 mg/kg

According to EC-Regulation 2015/830

Substance: Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified [A complex combi
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: 3,48 g/kg

Substance: Poly Hexamethylene Diisocyanate
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 18500 mg/m³

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

STOT-repeated exposure

No data available.

Aspiration hazard

May be fatal if swallowed and enters airways.

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

SECTION 12: Ecological information

12.1. Toxicity

Substance: ethyl acetate
Species: Algae
Test: EC50
Duration: 48 H
Result: 330000 ug/L

Substance: ethyl acetate
Species: Daphnia
Test: LC50
Duration: 48 H
Result: 560000 ug/L

Substance: ethyl acetate
Species: Fish
Test: LC50
Duration: 96 H
Result: 425300 ug/L

Substance: n-butyl acetate
Species: Daphnia
Test: EC50
Duration: 24 H
Result: 205 mg/L

Substance: n-butyl acetate
Species: Fish
Test: LC50
Duration: 96 H
Result: 100 mg/L

Substance: n-butyl acetate

According to EC-Regulation 2015/830

Species: Crustacean
 Test: LC50
 Duration: 48 h
 Result: 32000 ug/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
n-butyl acetate	Yes	No data available	No data available

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
n-butyl acetate	No	1,78	No data available

12.4. Mobility in soil

n-butyl acetate: Log Koc= 1,487982, Calculated from LogPow (High mobility potential.).

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment,

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

Waste

EWC code

-

Specific labelling

-

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

This product is within scope of the regulations of transport of dangerous goods.

ADR/RID

14.1. UN number	1263
14.2. UN proper shipping name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
14.3. Transport hazard class(es)	3
14.4. Packing group	III
Notes	-
Tunnel restriction code	D/E

IMDG

UN-no.	1263
Proper Shipping Name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
Class	3
PG*	III
EmS	F-E, S-E
MP**	Yes
Hazardous constituent	-

IATA/ICAO

UN-no.	1263
Proper Shipping Name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
Class	3
PG*	III

14.5. Environmental hazards

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment,

14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

Use of this product requires dedicated training in work with polyurethane and epoxy products.

Additional information

Not applicable

Seveso

Seveso III Part 1: P3a, P5c, E2

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

EC regulation 1907/2006 (REACH).

The Control of Major Accident Hazards (COMAH) Regulations 2015.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H225 - Highly flammable liquid and vapour.

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H332 - Harmful if inhaled.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

EUH066 - Repeated exposure may cause skin dryness or cracking.

The full text of identified uses as mentioned in section 1

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Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of physical hazards has been based on experimental data.

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

Admin

**Date of last essential change
(First cipher in SDS version)**

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**Date of last minor change
(Last cipher in SDS version)**

-