

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Junckers BaseFill

Product no.

H07

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

Wood treatment primer

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

Junckers Industrier A/S

Vaerftsvej 4

4600 Koege

Denmark

Tel.: +45 7080 3000

Contact person

Kirsten Andersen

E-mail

productsafety@junckers.dk

SDS date

2017-10-17

SDS Version

5.0

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

Flam. Liq. 2; H225

Eye Irrit. 2; H319

STOT SE 3; H336

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)**Signal word**

Danger

According to EC-Regulation 2015/830

Hazard statement(s)

Highly flammable liquid and vapour. (H225)
 Causes serious eye irritation. (H319)
 May cause drowsiness or dizziness. (H336)

Safety statement(s)

General -
Prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210).
 Wear eye protection. (P280).
Response If eye irritation persists: Get medical advice/attention. (P337+P313).
 In case of fire: Use alcohol-resistant foam/carbonic acid/powder/water mist/carbon dioxide/dry sand to extinguish. (P370+P378).
Storage Store in a well-ventilated place. Keep cool. (P403+P235).
Disposal Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

Acetone

▼ 2.3. Other hazards

This product contains an organic solvent. Repeated or prolonged exposure to organic solvents may result in adverse effects to the nervous system and internal organs such as liver and kidneys.

▼ Additional labelling

Repeated exposure may cause skin dryness or cracking. (EUH066)

▼ Additional warnings

Not applicable

▼ VOC

VOC-MAX: 740 g/l, MAXIMUM VOC CONTENT (A/h (SB)): 750 g/l.

SECTION 3: Composition/information on ingredients

▼ 3.1/3.2. Substances/Mixtures

NAME:	Acetone
IDENTIFICATION NOS.:	CAS-no: 67-64-1 EC-no: 200-662-2 Index-no: 606-001-00-8
CONTENT:	60-80%
CLP CLASSIFICATION:	Flam. Liq. 2, , Eye Irrit. 2, STOT SE 3 H225, EUH066, H319, H336
NOTE:	SL
NAME:	Nitrocellulose <12,6% nitrogen
IDENTIFICATION NOS.:	CAS-no: 9004-70-0 EC-no: -
CONTENT:	10 - <15%
CLP CLASSIFICATION:	Flam. Sol. 1 H228
NAME:	n-butyl acetate
IDENTIFICATION NOS.:	CAS-no: 123-86-4 EC-no: 204-658-1 REACH-no: 01-2119485493-29-xxxx Index-no: 607-025-00-1
CONTENT:	5 - <10%
CLP CLASSIFICATION:	Flam. Liq. 3, STOT SE 3 H226, H336, EUH066
NOTE:	S
NAME:	ethanol
IDENTIFICATION NOS.:	CAS-no: 64-17-5 EC-no: 200-578-6 Index-no: 603-002-00-5
CONTENT:	5 - <10%
CLP CLASSIFICATION:	Flam. Liq. 2, Eye Irrit. 2 H225, H319
NOTE:	S
NAME:	propan-2-ol
IDENTIFICATION NOS.:	CAS-no: 67-63-0 EC-no: 200-661-7 Index-no: 603-117-00-0
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 H225, H319, H336
NOTE:	S

According to EC-Regulation 2015/830

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.
S = Organic solvent L = European occupational exposure limit.

Other information

Eye Cat. 2 Sum = $\text{Sum}(\text{Ci/S(G)CLi}) = 6,24 - 9,36$

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 person into fresh air and stay with him/her.

▼ 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

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

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

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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 eye irritation persists: Get 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: Nitrogen oxides. 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

No specific requirements.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

No specific requirements

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. See section on 'Exposure controls/personal protection' for information on personal protection.

▼ 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 (Storage on stock, 3 to 8°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

propan-2-ol

Long-term exposure limit (8-hour TWA reference period): 400 ppm | 999 mg/m³

Short-term exposure limit (15-minute reference period): 500 ppm | 1250 mg/m³

ethanol

Long-term exposure limit (8-hour TWA reference period): 1000 ppm | 1920 mg/m³

Short-term exposure limit (15-minute reference period): - 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

Acetone

Long-term exposure limit (8-hour TWA reference period): 500 ppm | 1210 mg/m³

Short-term exposure limit (15-minute reference period): 1500 ppm | 3620 mg/m³

▼ DNEL / PNEC

DNEL (Acetone): 200 mg/m³

Exposure: Inhalation

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

DNEL (Acetone): 62 mg/kg/day

Exposure: Dermal

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

According to EC-Regulation 2015/830

DNEL (Acetone): 62 mg/kg/day
Exposure: Oral
Duration of Exposure: Long term – Systemic effects - General population

DNEL (Acetone): 1210 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Acetone): 186 mg/kg/day
Exposure: Dermal
Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Acetone): 2420 mg/m³
Exposure: Inhalation
Duration of Exposure: Short term – Local effects - Workers

DNEL (n-butyl acetate): 859,7 mg/m³
Exposure: Inhalation
Duration of Exposure: Short term – Systemic effects - General population
Remarks: Leverandør MSDS

DNEL (n-butyl acetate): 859,7 mg/m³
Exposure: Inhalation
Duration of Exposure: Short term – Local effects - General population
Remarks: Leverandør MSDS

DNEL (n-butyl acetate): 102,34 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - General population
Remarks: Leverandør MSDS

DNEL (n-butyl acetate): 102,34 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - General population
Remarks: Leverandør MSDS

DNEL (n-butyl acetate): 960 mg/m³
Exposure: Inhalation
Duration of Exposure: Short term – Systemic effects - Workers
Remarks: Leverandør MSDS

DNEL (n-butyl acetate): 960 mg/m³
Exposure: Inhalation
Duration of Exposure: Short term – Local effects - Workers
Remarks: Leverandør MSDS

DNEL (n-butyl acetate): 480 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers
Remarks: Leverandør MSDS

DNEL (n-butyl acetate): 480 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - Workers
Remarks: Leverandør MSDS

PNEC (Acetone): 29,5 mg/kg
Exposure: Soil

PNEC (Acetone): 10,6 mg/l
Exposure: Freshwater

PNEC (Acetone): 1,06 mg/l
Exposure: Marine water

PNEC (n-butyl acetate): 1,18 mg/l
Exposure: Freshwater
Duration of Exposure: Continuous
Remarks: Supplier MSDS

PNEC (n-butyl acetate): 0,0903 mg/kg
Exposure: Soil

According to EC-Regulation 2015/830

Duration of Exposure: Continuous
Remarks: Supplier MSDS

PNEC (n-butyl acetate): 0,36 mg/l
Exposure: Intermittent release
Duration of Exposure: Single
Remarks: Supplier MSDS

PNEC (n-butyl acetate): 0,981 mg/kg
Exposure: Freshwater sediment
Remarks: Supplier MSDS

PNEC (n-butyl acetate): 0,018 mg/l
Exposure: Marine water
Remarks: Supplier MSDS

PNEC (n-butyl acetate): 0,0981 mg/kg
Exposure: Marine water sediment
Remarks: Supplier MSDS

PNEC (n-butyl acetate): 35,6 mg/l
Exposure: Activated Sludge Plant

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

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

Recommended: AX. Brown

Skin protection

Wear appropriate protection clothing, e.g. coveralls in polypropylene approved type 6 and Category III.

Hand protection

Recommended: Butyl rubber. Breakthrough time: > 60 minutes (Class 3)

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	Clear
Odour	Solvent
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm ³)	0,85

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	56
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

▼ Data on fire and explosion hazards

Flash point (°C)	-18
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
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: propan-2-ol
 Species: Rat
 Test: LC50
 Route of exposure: Dermal
 Result: 72600 mg/m³ (4 h)

Substance: propan-2-ol
 Species: Rabbit
 Test: LD50
 Route of exposure: Dermal
 Result: 4059 mg/kg

According to EC-Regulation 2015/830

Substance: ethanol
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 10,47 mg/kg

Substance: ethanol
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 124,7 mg/l

Substance: n-butyl acetate
Species: Rat
Test: LD50
Route of exposure: Dermal
Result: 14100 mg/kg

Substance: n-butyl acetate
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 23,4 mg/l (4 h)

Substance: n-butyl acetate
Species: Rat
Test: NOAEL
Route of exposure: Inhalation
Result: 500 ppm (90 d)

Substance: Acetone
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: > 7400 mg/kg

Substance: Acetone
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 5800 mg/kg

Substance: Acetone
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 32 mg/l

▼ **Skin corrosion/irritation**

Data on substance: ethanol
Test: OECD Guideline 404
Organism: Rabbit
Result: no Skin irritation

▼ **Serious eye damage/irritation**

Causes serious eye irritation.

Data on substance: ethanol
Test: OECD TG 405
Organism: Rabbit
Result: Eye Irritation

▼ **Respiratory or skin sensitisation**

No data available. Data on substance: n-butyl acetate
Test: OECD Guideline 406
Organism: Guinea pig
Result: negativ

Germ cell mutagenicity

No data available.

According to EC-Regulation 2015/830

Carcinogenicity

No data available.

▼ Reproductive toxicity

Data on substance: n-butyl acetate

Test: OECD TG 416

Organism: Rat

Result: no effect on fertility by inhalation

Data on substance: n-butyl acetate

Test: OECD TG 414

Organism: Rat

Result: NOAEL (teratogenicitet): 1500 ppm

No adverse effect observed.

Data on substance: n-butyl acetate

Test: OECD TG 474

Organism: Mouse

Result: negativ

STOT-single exposure

May cause drowsiness or dizziness.

▼ STOT-repeated exposure

Data on substance: n-butyl acetate

Organism: Human

Result: Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

No data available.

▼ Long term effects

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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: propan-2-ol

Species: Algae

Test: EC50

Duration: 72 h

Result: 1000 mg/l

Substance: propan-2-ol

Species: Algae

Test: EC50

Duration: 96 h

Result: 1000 mg/l

Substance: propan-2-ol

Species: Daphnia

Test: EC50

Duration: 48 h

Result: 13299 mg/l

Substance: propan-2-ol

Species: Fish

Test: LC50

Duration: 96 h

Result: 11130 mg/l (static)

According to EC-Regulation 2015/830

Substance: propan-2-ol
 Species: Fish
 Test: LC50
 Duration: 96 h
 Result: 9640 mg/l (flow-through)

Substance: propan-2-ol
 Species: Fish
 Test: LC50
 Duration: 96 h
 Result: 1400 mg/l

Substance: ethanol
 Species: Fish
 Test: LC50
 Duration: 96 h
 Result: 14,200 mg/l

Substance: ethanol
 Species: Algae
 Test: ErC50
 Duration: 96 h
 Result: 675 mg/l

Substance: ethanol
 Species: Daphnia
 Test: EC50
 Duration: 48 h
 Result: 5,012 mg/l

Substance: ethanol
 Species: Fish
 Test: NOEC
 Duration: 30 d
 Result: 245 mg/l

Substance: n-butyl acetate
 Species: Daphnia
 Test: NOEC
 Duration: 21 d
 Result: 23 mg/l

Substance: n-butyl acetate
 Species: Bacteria
 Test: EC50
 Duration: 40 h
 Result: 356 mg/l

Substance: n-butyl acetate
 Species: Daphnia
 Test: EC50
 Duration: 48 h
 Result: 44 mg/l

Substance: n-butyl acetate
 Species: Algae
 Test: EC50
 Duration: 72 h
 Result: 647,7 mg/l

Substance: Acetone
 Species: Algae
 Test: NOEC
 Duration: 96 h
 Result: 7000 mg/l

▼ 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
ethanol	Yes	No data available	No data available
n-butyl acetate	Yes	Closed Bottle Test	> 80%
Acetone	Yes	Closed Bottle Test	74%

According to EC-Regulation 2015/830

▼ 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
propan-2-ol	No	5	3,2
ethanol	No	No data available	3,2
n-butyl acetate	No	No data available	4,7
Acetone	No	-0,24	0,65

12.4. Mobility in soil

propan-2-ol: Log Koc= 4,0379, Calculated from LogPow (Low mobility potential).
Acetone: Log Koc= 0,3 (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

Nothing special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

▼ Waste

EWC code
08 04 09

waste adhesives and sealants containing organic solvents or other dangerous substances

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 (liquid filler) (Vapor pressure at 50 ° C of not more than 110 kPa)
14.3. Transport hazard class(es)	3
14.4. Packing group	II
Notes	-
Tunnel restriction code	D/E

▼ IMDG

UN-no.	1263
Proper Shipping Name	PAINT (liquid filler) (Vapor pressure at 50 ° C of not more than 110 kPa)
Class	3
PG*	II
EmS	F-E, S-D
MP**	No
Hazardous constituent	Acetone

IATA/ICAO

UN-no.	1263
Proper Shipping Name	PAINT (liquid filler) (Vapor pressure at 50 ° C of not more than 110 kPa)
Class	3
PG*	II

14.5. Environmental hazards

-

14.6. Special precautions for user

-

According to EC-Regulation 2015/830

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.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

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Additional information

Not applicable

Seveso

Seveso III Part 1: P5c

Sources

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

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.

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).

SEVESO (III)

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.

H228 - Flammable solid.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

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)

According to EC-Regulation 2015/830

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)**

2016-03-20

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

2016-03-20