

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

1.1 Product identifier

Long Life - Bodywork protector
Article number: 28929971
UFI: 50KP-841U-P200-JTJ0

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

1.2.1 Relevant uses

Corrosion protection

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Normfest GmbH
Siemensstraße 23
42551 Velbert / GERMANY
Phone +49 2051 275-0
Fax +49 2051 275-141
Homepage www.normfest.com
E-mail info@normfest.de

Address enquiries to

Technical information

info@normfest.de

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)
Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body

Call NHS 111 or a doctor

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
STOT SE 3: H336 May cause drowsiness or dizziness.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.
 The determination of properties hazardous to health does not take the propellant or carrier material into account.

Hazard pictograms



Signal word

DANGER

Contains:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.
 H336 May cause drowsiness or dizziness.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.
 P273 Avoid release to the environment.
 P260 Do not breathe vapours / spray.
 P271 Use only outdoors or in a well-ventilated area.
 P312 Call a POISON CENTER / doctor if you feel unwell.
 P501 Dispose of contents/container in accordance with local/national regulation.

Special labelling

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains: Sulfonic acids, petroleum, calcium salts. EUH208 May produce an allergic reaction.

2004/42/CE

609,39 g/L II B e Special finishes (max. 840 g/l)

2.3 Other hazards

Environmental hazards

Does not contain any PBT or vPvB substances.
 Contains no ingredients with endocrine-disrupting properties.

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
40 - <60	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics EINECS/ELINCS: 927-241-2, Reg-No.: 01-2119471843-32-XXXX GHS/CLP: Flam. Liq. 3: H226 - Asp. Tox. 1: H304 - STOT SE 3: H336 - Aquatic Chronic 3: H412 - EUH066
20 - <30	Butane CAS: 106-97-8, EINECS/ELINCS: 203-448-7, EU-INDEX: 601-004-00-0, Reg-No.: 01-2119474691-32-XXXX GHS/CLP: Flam. Gas 1A: H220 - Press. Gas: H280
5 - <15	Propane CAS: 74-98-6, EINECS/ELINCS: 200-827-9, EU-INDEX: 601-003-00-5, Reg-No.: 01-2119486944-21-XXXX GHS/CLP: Flam. Gas 1A: H220 - Press. Gas: H280
1 - <10	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics CAS: 64742-48-9, EINECS/ELINCS: 919-857-5, Reg-No.: 01-2119463258-33-XXXX GHS/CLP: STOT SE 3: H336 - Flam. Liq. 3: H226 - Asp. Tox. 1: H304
1 - <5	Sulfonic acids, petroleum, calcium salts CAS: 61789-86-4, EINECS/ELINCS: 263-093-9, Reg-No.: 01-2119488992-18-XXXX GHS/CLP: Skin Sens. 1B: H317 SCL [%]: >= 10: Skin Sens. 1B: H317
1 - <5	iso-Butane CAS: 75-28-5, EINECS/ELINCS: 200-857-2, EU-INDEX: 601-004-00-0, Reg-No.: 01-2119485395-27-XXXX GHS/CLP: Flam. Gas 1A: H220 - Press. Gas: H280

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Change soaked clothing.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion	Do not induce vomiting. Get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
 Drowsiness
 Vertigo

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide. Dry powder. Foam.
Extinguishing media that must not be used	Water.

5.2 Special hazards arising from the substance or mixture

risk of formation of toxic pyrolysis products, carbon monoxide (CO), not combusted hydrocarbons
 Bursting aerosols can be forcibly projected from a fire.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Wear full protective suit.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.

Ensure adequate ventilation.

Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).

Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid spilling or spraying in enclosed areas.

Use only in well-ventilated areas.

Keep away from all sources of ignition - Refrain from smoking.

Vapours can form an explosive mixture with air.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Do not store together with oxidizing agents.

Keep container in a well-ventilated place.

Keep in a cool place, heat causes increase in pressure and risk of bursting.

Protect from heat/overheating and from sun.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
EINECS/ELINCS: 927-241-2, Reg-No.: 01-2119471843-32-XXXX
Long-term exposure: 226 ppm, 1200 mg/m ³ , Exxon Mobil
Butane
CAS: 106-97-8, EINECS/ELINCS: 203-448-7, EU-INDEX: 601-004-00-0, Reg-No.: 01-2119474691-32-XXXX
Long-term exposure: 600 ppm, 1450 mg/m ³
Short-term exposure (15-minute): 750 ppm, 1810 mg/m ³
iso-Butane
CAS: 75-28-5, EINECS/ELINCS: 200-857-2, EU-INDEX: 601-004-00-0, Reg-No.: 01-2119485395-27-XXXX
Long-term exposure: 600 ppm, 1450 mg/m ³ , (Butane)
Short-term exposure (15-minute): 750 ppm, 1810 mg/m ³
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
CAS: 64742-48-9, EINECS/ELINCS: 919-857-5, Reg-No.: 01-2119463258-33-XXXX
Long-term exposure: 800 mg/m ³

Ingredients with occupational exposure limits to be monitored (EU)

not relevant

DNEL

Substance
Butane, CAS: 106-97-8
There are no DNEL values established for the substance.
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Industrial, dermal, Long-term - systemic effects, 77 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 871 mg/m ³
general population, inhalative, Long-term - systemic effects, 185 mg/m ³
general population, dermal, Long-term - systemic effects, 46 mg/kg bw/day
general population, oral, Long-term - systemic effects, 46 mg/kg bw/day
Propane, CAS: 74-98-6
There are no DNEL values established for the substance.
iso-Butane, CAS: 75-28-5
There are no DNEL values established for the substance.
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
Industrial, inhalative, Long-term - systemic effects, 11.75 mg/m ³
Industrial, dermal, Long-term - systemic effects, 3.33 mg/kg bw/day
Industrial, dermal, Long-term - local effects, 1.03 mg/cm ²
general population, dermal, Long-term - systemic effects, 1.667 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 2.9 mg/m ³
general population, dermal, Long-term - local effects, 0.513 mg/cm ²
general population, oral, Long-term - systemic effects, 0.833 mg/kg bw/day
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
Industrial, dermal, Long-term - systemic effects, 300 mg/kg bw/day

PNEC

Industrial, inhalative, Long-term - systemic effects, 1500 mg/m³
general population, inhalative, Long-term - systemic effects, 900 mg/m³
general population, dermal, Long-term - systemic effects, 300 mg/kg bw/day
general population, oral, Long-term - systemic effects, 300 mg/kg bw/day
Substance
Butane, CAS: 106-97-8
There are no PNEC values established for the substance.
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
There are no PNEC values established for the substance.
Propane, CAS: 74-98-6
There are no PNEC values established for the substance.
iso-Butane, CAS: 75-28-5
There are no PNEC values established for the substance.
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
oral (food), 16.667 mg/kg food
soil, 271 000 000 mg/kg soil dw
sediment (seawater), 226 000 000 mg/kg sediment dw
sediment (freshwater), 226 000 000 mg/kg sediment dw
sewage treatment plants (STP), 1000 mg/L
seawater, 1 mg/L
freshwater, 1 mg/L
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
There are no PNEC values established for the substance.

8.2 Exposure controls

Additional advice on system design

Eye protection

Hand protection

Skin protection

Other

Respiratory protection

Thermal hazards

Delimitation and monitoring of the environmental exposition

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	aerosol
Color	beige
Odor	characteristic
Odour threshold	not applicable
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability	yes
Lower explosion limit	1.01 Vol. %
Upper explosion limit	10.9 Vol. %
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm ³]	0.675
Relative density	not determined
Bulk density [kg/m ³]	not applicable
Solubility in water	insoluble
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not applicable
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not applicable
Auto-ignition temperature [°C]	>200
Decomposition temperature [°C]	not applicable
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Risk of bursting.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

See SECTION 7

10.6 Hazardous decomposition products

Flammable gases/vapours.

SECTION 11: Toxicological information

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

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

Product
ATE-mix, oral, >2000 mg/kg bw
Substance
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, oral, Rat, > 5000 mg/kg (OECD 401)
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
LD50, oral, Rat, > 5000 mg/kg, OECD 401
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
LD50, oral, Rat, > 15000 mg/kg OECD 423

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

Product
ATE-mix, dermal, >2000 mg/kg bw
Substance
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, dermal, Rabbit, > 5000 mg/kg (OECD 402)
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
LD50, dermal, Rabbit, > 4000 mg/kg, OECD 402
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
LD50, dermal, Rabbit, > 3160 mg/kg OECD 402

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

Product
ATE-mix, inhalativ (mist), >20 mg/L
Substance
Butane, CAS: 106-97-8
LC50, inhalative, Rat, 658 mg/L (IUCLID)
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LC50, inhalation (vapour), Rat, > 5000 mg/m ³ (OECD 403)
Propane, CAS: 74-98-6
LC50, inhalative, Rat, > 1443 mg/l (15 min) (Lit.)
iso-Butane, CAS: 75-28-5
LC50, inhalative, mouse, 1237 mg/L
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
LC50, inhalative, Rat, > 1.9 mg/L (4h)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
LC50, inhalation (vapour), Rat, > 4.95 mg/L 4h. OECD 403

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

Substance
Butane, CAS: 106-97-8

Eye, non-irritating
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Eye, non-irritating
Propane, CAS: 74-98-6
Eye, non-irritating
iso-Butane, CAS: 75-28-5
Eye, non-irritating
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
Eye, non-irritating
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
Eye, non-irritating

Skin corrosion/irritation

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

Substance
Butane, CAS: 106-97-8
dermal, non-irritating
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
dermal, non-irritating
Propane, CAS: 74-98-6
dermal, non-irritating
iso-Butane, CAS: 75-28-5
dermal, non-irritating
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
dermal, non-irritating
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
dermal, non-irritating

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.
Classification was carried out based on substance-specific concentration limits.
May produce an allergic reaction.

Substance
Butane, CAS: 106-97-8
inhalative, non-sensitizing
dermal, non-sensitizing
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
dermal, non-sensitizing
Propane, CAS: 74-98-6
inhalative, non-sensitizing
dermal, non-sensitizing
iso-Butane, CAS: 75-28-5
inhalative, non-sensitizing
dermal, non-sensitizing
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
dermal, sensitising
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
dermal, non-sensitizing

Specific target organ toxicity — single exposure

Vapours may cause drowsiness and dizziness.

Substance
Butane, CAS: 106-97-8
inhalative, non-irritating
Propane, CAS: 74-98-6
inhalative, non-irritating
iso-Butane, CAS: 75-28-5
inhalative, non-irritating
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
inhalative, non-irritating

Specific target organ toxicity — repeated exposure

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

Substance
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
NOAEL, oral, Rat, 500 mg/kg bw/day (subchronic), no adverse effect observed
NOAEC, inhalative, Rat, 10400 mg/m ³ (subchronic), no adverse effect observed
Propane, CAS: 74-98-6
NOAEC, inhalative, Rat, 4437 mg/m ³ , The effects observed are not sufficient for classification.
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
NOAEL, dermal, Rat, 1000 mg/kg bw/day, no adverse effect observed
NOAEL, oral, Rat, 500 mg/kg bw/day, The effects observed are not sufficient for classification.
NOAEC, inhalative, Rat, 881.58 mg/m ³ , The effects observed are not sufficient for classification.

Mutagenicity

Does not contain a relevant substance that meets the classification criteria.

Substance
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
in vivo, negativ
in vitro, negativ
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
in vitro, negativ

Reproduction toxicity

Does not contain a relevant substance that meets the classification criteria.

- Fertility

Substance
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
NOAEC, inhalative, Rat, 5220 mg/m ³ , no adverse effect observed

- Development

Substance
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
NOAEC, inhalative, Rat, 5220 mg/m ³ , no adverse effect observed

Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.

Aspiration hazard

May be fatal if swallowed and enters airways.

General remarks

Toxicological data of complete product are not available.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties Contains no ingredients with endocrine-disrupting properties.

11.2.2 Other information none

SECTION 12: Ecological information

12.1 Toxicity

Substance
Butane, CAS: 106-97-8
LC50, (48h), Invertebrates, 14.22 - 69.43 mg/L
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
EL50, (72h), Pseudokirchneriella subcapitata, > 1000 mg/l
EL50, (48h), Daphnia magna, 22 - 46 mg/l
NOELR, (72h), Pseudokirchneriella subcapitata, < 1 mg/l
LL50, (96h), Oncorhynchus mykiss, 10 - 30 mg/l
Sulfonic acids, petroleum, calcium salts, CAS: 61789-86-4
LC50, (96h), fish, > 10 mg/l (OECD 203)
EC50, (3h), Activated sludge, > 10 mg/l (OECD 209)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
EL50, (72h), Pseudokirchneriella subcapitata, > 1000 mg/L OECD 201
EL50, (48h), Daphnia magna, 1000 mg/L OECD 202
LL50, (96h), Oncorhynchus mykiss, > 1000 mg/L OECD 203

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not applicable

Biological degradability not applicable

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

Ecological data of complete product are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
For recycling, consult manufacturer.

Waste no. (recommended) 160504* gases in pressure containers (including halons) containing dangerous substances

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number


Transport by land according to ADR/RID 1950


Inland navigation (ADN) 1950



Marine transport in accordance with IMDG 1950


Air transport in accordance with IATA 1950

14.2 UN proper shipping name

Transport by land according to ADR/RID	Aerosols
- Classification Code	5F
- Label	
- ADR LQ	1 I
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 2 (D)

Inland navigation (ADN)	Aerosols
- Classification Code	5F
- Label	

Marine transport in accordance with IMDG	Aerosols (Octane)
- EMS	F-D, S-U
- Label	 
- IMDG LQ	1 I

Air transport in accordance with IATA	Aerosols, flammable
- Label	

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	2
Inland navigation (ADN)	2
Marine transport in accordance with IMDG	2.1
Air transport in accordance with IATA	2.1

14.4 Packing group

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq 0.1\%$ that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq 0.1\%$ that are restricted.
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for young people.
- VOC (2010/75/CE)	90,28 %

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H317 May cause an allergic skin reaction.
 H280 Contains gas under pressure; may explode if heated.
 H220 Extremely flammable gas.
 EUH066 Repeated exposure may cause skin dryness or cracking.
 H412 Harmful to aquatic life with long lasting effects.
 H336 May cause drowsiness or dizziness.
 H304 May be fatal if swallowed and enters airways.
 H226 Flammable liquid and vapour.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV@TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229
Pressurised container: May burst if heated. (Bridging principle "Aerosols")
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Bridging principle "Aerosols")
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

Modified position

SECTION 2 been added: Sulfonic acids, petroleum, calcium salts
SECTION 3 deleted: Sulfonic acids, petroleum, calcium salts, overbased
SECTION 3 deleted: Octane
SECTION 3 deleted: Propane
SECTION 3 been added: Propane
SECTION 3 been added: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
SECTION 3 been added: Sulfonic acids, petroleum, calcium salts
SECTION 2 deleted: H411 Toxic to aquatic life with long lasting effects.
SECTION 2 been added: Aquatic Chronic 3
SECTION 2 deleted: Aquatic Chronic 2
SECTION 2 deleted: environment
SECTION 2 been added: H412 Harmful to aquatic life with long lasting effects.
SECTION 4 been added: If skin irritation or rash occurs: Get medical advice/attention.
SECTION 4 deleted: Consult a doctor if skin irritation persists.
SECTION 5 been added: Wear full protective suit.
SECTION 5 been added: Water.
SECTION 5 deleted: Water spray jet.
SECTION 5 deleted: Full water jet.
SECTION 9 deleted:
SECTION 9 been added: liquid
SECTION 9 been added: not determined
SECTION 9 deleted:
SECTION 9 been added: not applicable
SECTION 9 been added: yes
SECTION 9 deleted: not applicable
SECTION 11 been added: May produce an allergic reaction.
SECTION 11 been added: Classification was carried out based on substance-specific concentration limits.
SECTION 16 deleted: II B e Special finishes

Copyright: Chemiebüro®