

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 1 / 15

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

1.1 Product identifier

AESUB orange

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

1.2.1 Relevant uses

Surface coating

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Scanningspray Vertriebs GmbH
Johann-Strauß-Str. 13
45657 Recklinghausen / GERMANY
Phone +49(0)2361-8903357
Homepage www.aesub.com
E-mail info@aesub.com

Address enquiries to

Technical information

info@aesub.com

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency telephone number

Company

+49 (0) 177 4818358 during business hours 7am – 5pm (Central European Time, CET)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.
Eye Irrit. 2: H319 Causes serious eye irritation.

2.2 Label elements

The product is required to be labelled in accordance with the hazard criterias of the "Hazardous Product Regulation" - HPR [WHMIS 2015].

Hazard pictograms



Signal word

DANGER

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.

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.
P280 Wear protective gloves / eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice / attention.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.

2.3 Other hazards

Environmental hazards

Does not contain any PBT or vPvB substances.

Other hazards

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

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 2 / 15

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
50 - < 775	Butane CAS: 106-97-8
10 - < 25	Propane CAS: 74-98-6
10 - < 25	Ethanol CAS: 64-17-5
5 - < 10	cyclopentane CAS: 287-92-3
1 - < 5	iso-Butane CAS: 75-28-5
0,1 - 1	Pentane CAS: 109-66-0
0,01 - < 0,1	(R)-p-Mentha-1,8-diene CAS: 5989-27-5

Comment on component parts

One or several components are not named in register DSL/NDSL (Canada).
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated soaked clothing immediately and dispose of safely.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

When in contact with the skin, clean with soap and water.
In the event of symptoms seek medical treatment.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
Get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions

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

foam, dry powder, water spray jet, carbon dioxide

Extinguishing media that must not be used

Full water jet

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 3 / 15

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.

Cool containers at risk with water spray jet.

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Ensure adequate ventilation.

Keep away from all sources of ignition.

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, universal absorbent, diatomaceous earth).

Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide good room ventilation even at ground level (vapours are heavier than air).

Avoid formation of aerosols.

Use solvent-resistant equipment.

Keep away from sources of ignition - refrain from smoking.

Vapours can form an explosive mixture with air.

Take precautionary measures against static discharges.

Do not eat, drink or smoke when using this product.

Wash hands before breaks and after work.

Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Do not store together with food and animal food/diet.

Keep in a cool place. Store in a dry place.

Protect from heat/overheating and from sun.

Recommended storage temperature: 5-25 °C (41-77 °F).

7.3 Specific end use(s)

See product use, SECTION 1.2

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 4 / 15

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (CA)

Substance
Butane
CAS: 106-97-8
Long-term exposure: 800 ppm, 1900 mg/m ³
Ethanol
CAS: 64-17-5
Long-term exposure: 1000 ppm, 1880 mg/m ³
Propane
CAS: 74-98-6
Long-term exposure: 1000 ppm, 1800 mg/m ³

DNEL

Substance
Butane, CAS: 106-97-8
There are no DNEL values established for the substance.
Propane, CAS: 74-98-6
There are no DNEL values established for the substance.
Ethanol, CAS: 64-17-5
Industrial, inhalative (vapor), Long-term - systemic effects, 950 mg/m ³
Industrial, inhalative (vapor), Acute - local effects, 1900 mg/m ³
Industrial, dermal, Long-term - systemic effects, 343 mg/kg bw/d
general population, oral, Long-term - systemic effects, 87 mg/kg bw/d
general population, inhalative (vapor), Long-term - systemic effects, 114 mg/m ³
general population, dermal, Long-term - systemic effects, 206 mg/kg bw/d
general population, inhalative (vapor), Acute - local effects, 950 mg/m ³
iso-Butane, CAS: 75-28-5
There are no DNEL values established for the substance.
(R)-p-Mentha-1,8-diene, CAS: 5989-27-5
Industrial, dermal, Long-term - systemic effects, 9,5 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 66,7 mg/m ³
general population, dermal, Long-term - systemic effects, 4,8 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 16,6 mg/m ³
general population, oral, Long-term - systemic effects, 4,8 mg/kg bw/day
Pentane, CAS: 109-66-0
Industrial, dermal, Long-term - systemic effects, 432 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 3000 mg/m ³
general population, inhalative, Long-term - systemic effects, 643 mg/m ³
general population, oral, Long-term - systemic effects, 214 mg/kg bw/day
general population, dermal, Long-term - systemic effects, 214 mg/kg bw/day
cyclopentane, CAS: 287-92-3
Industrial, inhalative, Long-term - systemic effects, 3000 mg/m ³
Industrial, dermal, Long-term - systemic effects, 432 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 643 mg/m ³
general population, dermal, Long-term - systemic effects, 214 mg/kg bw/day

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 5 / 15

general population, oral, Long-term - systemic effects, 214 mg/kg bw/day

PNEC

Substance

Butane, CAS: 106-97-8

There are no PNEC values established for the substance.

Propane, CAS: 74-98-6

There are no PNEC values established for the substance.

Ethanol, CAS: 64-17-5

sediment (seaater), 2,9 mg/kg

oral (food), 0,38 g/kg

freshwater, 0,96 mg/l

seawater, 0,79 mg/l

sediment (freshwater), 3,6 mg/kg

soil, 0,63 mg/kg

sewage treatment plants (STP), 580 mg/l

iso-Butane, CAS: 75-28-5

There are no PNEC values established for the substance.

(R)-p-Mentha-1,8-diene, CAS: 5989-27-5

soil, 0,763 mg/kg

freshwater, 14 µg/L

seawater, 1,4 µg/L

sewage treatment plants (STP), 1,8 mg/L

sediment (seaater), 0,385 mg/kg

oral (food), 133 mg/kg

sediment (freshwater), 3,85 mg/kg

Pentane, CAS: 109-66-0

freshwater, 230 µg/L

seawater, 230 µg/L

sewage treatment plants (STP), 3,6 mg/L

sediment (freshwater), 1.2 mg/kg sediment dw

sediment (seaater), 1.2 mg/kg sediment dw

soil, 550 µg/kg soil dw

8.2 Exposure controls

Additional advice on system design Ensure adequate ventilation on workstation.

Eye protection Safety glasses. (EN 166:2001)

Hand protection The details concerned are recommendations. Please contact the glove supplier for further information.
0,7 mm; Butyl rubber, >480 min (EN 374-1/-2/-3).

Skin protection Solvent-resistant protective clothing (EN 340)

Other Avoid contact with eyes and skin.
Do not inhale gases/vapours/aerosols.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.
Short term: filter apparatus, filter A. (DIN EN 14387)

Thermal hazards No information available.

Delimitation and monitoring of the environmental exposition Protect the environment by applying appropriate control measures to prevent or limit emissions.

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 6 / 15

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	aerosol
Color	yellowish
Odor	citrus
Odour threshold	not determined
pH-value	not determined
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not determined
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/cm ³]	0,82 - 0,85 (Liquid)
Relative density	not determined
Bulk density [kg/m ³]	not applicable
Solubility in water	not determined
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not determined
Relative vapour density	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Auto-ignition temperature	not determined
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible during spraying or misting in air.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

Not required under normal conditions.

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 7 / 15

10.6 Hazardous decomposition products

No hazardous decomposition products known.

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 8 / 15

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product
ATE-mix, oral, Based on the available information, the classification criteria are not fulfilled.
Substance
Ethanol, CAS: 64-17-5
LD50, oral, Rat, 10470 mg/kg (OECD 401)
(R)-p-Mentha-1,8-diene, CAS: 5989-27-5
LD50, oral, mouse, 5600 mg/kg
LD50, oral, Rat, 4400 mg/kg
Pentane, CAS: 109-66-0
LD50, oral, Rat, >2000 mg/kg bw
cyclopentane, CAS: 287-92-3
LD50, oral, Rat, > 5000 mg/kg OECD 423

Acute dermal toxicity

Product
ATE-mix, dermal, Based on the available information, the classification criteria are not fulfilled.
Substance
Ethanol, CAS: 64-17-5
LD50, dermal, Rabbit, > 2000 mg/kg (OECD 402)
(R)-p-Mentha-1,8-diene, CAS: 5989-27-5
LD50, dermal, Rabbit, > 5000 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalative, Based on the available information, the classification criteria are not fulfilled.
Substance
Butane, CAS: 106-97-8
LC50, inhalative, Rat, 658 mg/L (IUCLID)
Propane, CAS: 74-98-6
LC50, inhalative, Rat, > 1443 mg/l (15 min) (Lit.)
Ethanol, CAS: 64-17-5
LC50, inhalative, Rat, 117-125 mg/l/4h (OECD 403)
iso-Butane, CAS: 75-28-5
LC50, inhalative, mouse, 1237 mg/L
Pentane, CAS: 109-66-0
LC50, inhalative, Rat, 25.3 mg/L, 4h
cyclopentane, CAS: 287-92-3
LC50, inhalative, Rat, 25,3 mg/L (4h) OECD 403

Serious eye damage/irritation

Irritant
Based on the available information, the classification criteria are fulfilled.
Calculation method

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 9 / 15

Substance
Butane, CAS: 106-97-8
Eye, non-irritating
Propane, CAS: 74-98-6
Eye, non-irritating
Ethanol, CAS: 64-17-5
Eye, Rabbit, OECD 405, irritant
iso-Butane, CAS: 75-28-5
Eye, non-irritating
cyclopentane, CAS: 287-92-3
No information available.

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.

Substance
Butane, CAS: 106-97-8
dermal, non-irritating
Propane, CAS: 74-98-6
dermal, non-irritating
Ethanol, CAS: 64-17-5
dermal, Rabbit, OECD 404, non-irritating
iso-Butane, CAS: 75-28-5
dermal, non-irritating
cyclopentane, CAS: 287-92-3
No information available.

Respiratory or skin sensitisation

Based on the available information, the classification criteria are not fulfilled.

Substance
Butane, CAS: 106-97-8
inhalative, non-sensitizing
dermal, non-sensitizing
Propane, CAS: 74-98-6
inhalative, non-sensitizing
dermal, non-sensitizing
Ethanol, CAS: 64-17-5
dermal, Guinea pig, OECD 406, non-sensitizing
iso-Butane, CAS: 75-28-5
inhalative, non-sensitizing
dermal, non-sensitizing
cyclopentane, CAS: 287-92-3
No information available.

**Specific target organ toxicity —
single exposure**

Vapours may cause drowsiness and dizziness.
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
Butane, CAS: 106-97-8
inhalative, non-irritating
Propane, CAS: 74-98-6
inhalative, non-irritating

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 10 / 15

Ethanol, CAS: 64-17-5

inhalative, Rat (male), NOAL >20 mg/l, OECD 403

NOAEL, oral, Rat (female), 1730 mg/kg/d, OECD 408, 90d

iso-Butane, CAS: 75-28-5

inhalative, non-irritating

Specific target organ toxicity — repeated exposure — Based on the available information, the classification criteria are not fulfilled.

Substance

Propane, CAS: 74-98-6

NOAEC, inhalative, Rat, 4437 mg/m³

Ethanol, CAS: 64-17-5

NOAEL, oral, Rat, 1730 mg/kg bw/day, negativ

cyclopentane, CAS: 287-92-3

No information available.

Mutagenicity — Based on the available information, the classification criteria are not fulfilled.

Substance

Ethanol, CAS: 64-17-5

mouse, OECD 476, negativ

OECD 471, negativ

Ames-test, negativ

cyclopentane, CAS: 287-92-3

No information available.

Reproduction toxicity — Based on the available information, the classification criteria are not fulfilled.

Substance

Ethanol, CAS: 64-17-5

NOAEL, oral, mouse, 13800 mg/kg bw/day, OECD 416, negativ

cyclopentane, CAS: 287-92-3

No information available.

Carcinogenicity — Based on the available information, the classification criteria are not fulfilled.

Substance

Ethanol, CAS: 64-17-5

NOAEL, oral, Rat, > 3000 mg/kg bw/day, negativ

cyclopentane, CAS: 287-92-3

No information available.

Aspiration hazard — Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.
The determination of properties hazardous to health does not take the propellant or carrier material into account.

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 11 / 15

SECTION 12: Ecological information

12.1 Toxicity

Substance
Ethanol, CAS: 64-17-5
LC50, (96h), Oncorhynchus mykiss, 13000 mg/l (OECD 203)
LC50, (48h), Daphnia magna, 12340 mg/l
EC50, (72h), Algae, 275 mg/l (OECD 201)
EC50, (48h), Selenastrum capricornutum, 12900 mg/l (OECD 201)
(R)-p-Mentha-1,8-diene, CAS: 5989-27-5
LC50, (96h), fish, 720 µg/L
EC50, (72h), Algae, 320 µg/L
EC50, (48h), Invertebrates, 307 µg/L
Pentane, CAS: 109-66-0
EL50, (72h), Algae, 20.33 mg/L
EL50, (48h), Invertebrates, 48.11 mg/L
LL50, (96h), fish, 27.55 mg/L
cyclopentane, CAS: 287-92-3
LC50, (96h), Oncorhynchus mykiss, 29,3 mg/L
EC50, (48h), Daphnia magna, 51,1 mg/L
IC50, (72h), Pseudokirchneriella subcapitata, 21,6 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	No information available.
Biological degradability	No information available.

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

No information available.

12.7 Other adverse effects

Do not discharge product unmonitored into the environment or into the drainage.
Ecological data of complete product are not available.

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 12 / 15

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with national and local regulations.

Product

Dispose of as hazardous waste.

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.

SECTION 14: Transport information

14.1 UN 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

Canadian Code for the
Transportation of Dangerous Goods
(TDG) not applicable


Scanningspray Vertriebs GmbH
45657 Recklinghausen


Date printed 22.09.2021, Revision 16.02.2021


Version 01


Page 13 / 15

14.2 UN proper shipping name

Transport by land according to ADR/RID Aerosols
- Classification Code 5F
- Label 
- ADR LQ 1 l
- 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
- EMS F-D, S-U
- Label 
- IMDG LQ 1 l

Air transport in accordance with IATA Aerosols, flammable
- Label 

Canadian Code for the Transportation of Dangerous Goods (TDG) not applicable

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

Canadian Code for the Transportation of Dangerous Goods (TDG) not applicable

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 14 / 15

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

Canadian Code for the Transportation of Dangerous Goods (TDG) 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

Canadian Code for the Transportation of Dangerous Goods (TDG) no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

not applicable

SECTION 15: Regulatory information

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

TRANSPORT-REGULATIONS TDG-Regulations; ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)

NATIONAL REGULATIONS (CA): HPR-Hazardous Products Regulations (SOR/2015-17); WHMIS 2015;

- Observe employment restrictions for people Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.

- VOC - Volatile Organic Compounds 95 %

15.2 Chemical safety assessment

not applicable

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 16.02.2021

Version 01

Page 15 / 15

SECTION 16: Other information

16.1 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
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

16.2 Other information

Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229
Pressurised container: May burst if heated. (Bridging principle "Aerosols")
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Bridging principle "Aerosols")
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)

Modified position

none



Copyright: Chemiebüro®

