



SAFETY DATA SHEET

NESTE VOLTERA STRONG 50 %

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

1.1. Product identifier

| | |
|-------------------------|---------------------------|
| Product name | NESTE VOLTERA STRONG 50 % |
| Product number | ID 19350 |
| Internal identification | 7657 |
| UFI | UFI: 14RM-V0KR-FQ0S-0U0Y |

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

| | |
|-----------------|-----------------------------------|
| Identified uses | Car chemical. Windscreen cleaner. |
|-----------------|-----------------------------------|

1.3. Details of the supplier of the safety data sheet

| | |
|----------|---|
| Supplier | Neste Markkinointi Oy Keilaranta 21, Espoo, P.O.B. 95, FIN-00095 NESTE, FINLAND Tel. +358 10 45811 lubetec@neste.com |
|----------|---|

1.4. Emergency telephone number

| | |
|-------------------------------------|---|
| National emergency telephone number | +358 800 147 111, +358 9 471 977, Poison Information Centre |
|-------------------------------------|---|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|-----------------------|---------------------|
| Physical hazards | Flam. Liq. 3 - H226 |
| Health hazards | Not Classified |
| Environmental hazards | Not Classified |

2.2. Label elements

Hazard pictograms



| | |
|--------------------------|---|
| Signal word | Warning |
| Hazard statements | H226 Flammable liquid and vapour. |
| Precautionary statements | P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. |

2.3. Other hazards

SECTION 3: Composition/information on ingredients

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3.2. Mixtures

| | | |
|---|----------------------|--|
| Ethanol 30 - < 40 % * | | |
| CAS number: 64-17-5 | EC number: 200-578-6 | REACH registration number: 01-2119457610-43-XXXX |
| Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 | | |
| butanone 0,5 - < 2,5 % | | |
| CAS number: 78-93-3 | EC number: 201-159-0 | REACH registration number: 01-2119457290-43-XXXX |
| Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 | | |
| N,N-dimethyldecylamine N-oxide < 0,5 % | | |
| CAS number: 2605-79-0 | EC number: 220-020-5 | REACH registration number: 01-2119959297-22-XXXX |
| M factor (Acute) = 1 | | |
| Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 | | |
| 1-methoxy-2-propanol < 0,5 % | | |
| CAS number: 107-98-2 | EC number: 203-539-1 | REACH registration number: 01-2119457435-35-XXXX |
| Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 | | |
| (2-methoxymethylethoxy)propanol < 0,5 % | | |
| CAS number: 34590-94-8 | EC number: 252-104-2 | REACH registration number: 01-2119450011-60-XXXX |
| Classification Not Classified | | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Ingredient notes

Special concentration limit:

* CAS: 64-17-5

Eye Irrit. 2 - H319; > 50 - 100 %

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SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|--|
| Inhalation | Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist. |
| Ingestion | Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing. |
| Eye contact | Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention. |

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

| | |
|----------------------------|-----------------------------------|
| General information | No specific health hazards known. |
|----------------------------|-----------------------------------|

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

| | |
|-----------------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|-----------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|---|
| Specific hazards | Flammable liquid and vapour. Containers can burst violently or explode when heated, due to excessive pressure build-up. |
| Hazardous combustion products | Carbon monoxide (CO). Carbon dioxide (CO ₂). |

5.3. Advice for firefighters

| | |
|--|---|
| Protective actions during firefighting | Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Prevent fire extinguishing water from contaminating surface water or the ground water system. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|---------------------------------|---|
| Personal precautions | Eliminate all ignition sources if safe to do so. Wear adequate protective equipment at all operations. Wear self-contained breathing apparatus. Avoid inhalation of vapours and contact with skin and eyes. Vapours may be ignited by a spark, a hot surface or an ember. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Use only in well-ventilated areas. |
| For emergency responders | Prevent unauthorized access. |

6.2. Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | Stop leak if safe to do so. Avoid the spillage or runoff entering drains, sewers or watercourses. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air). |
|----------------------------------|---|

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up Small Spillages: Absorb spillage with non-combustible, absorbent material. Large Spillages: Large spills should be collected mechanically (remove by pumping) for disposal. Dispose of waste via a licensed waste disposal contractor. Use only in well-ventilated areas.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use explosion-proof electrical equipment. Vapours may accumulate on the floor and in low-lying areas. Vapours may form explosive mixtures with air. Do not breathe vapour/spray. All handling should only take place in well-ventilated areas. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Protect from sunlight. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising materials, heat and flames.

7.3. Specific end use(s)

Specific end use(s) Not known.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

butanone

2-Butanone: 20 ppm (8h), 60 mg/m³ (8h), 100 ppm (15min), 300 mg/m³ (15min), HTP 2020/FIN
May be absorbed through the skin.

1-methoxy-2-propanol

1-methoxypropan-2-ol: 100 ppm (8h), 370 mg/m³ (8h), 150 ppm (15min), 560 mg/m³ (15min) HTP 2020/FIN, EU OELV (EC/2000/39).

(2-methoxymethylethoxy)propanol

(2-methoxymethylethoxy)propanol: 50 ppm (8h), 310 mg/m³ (8h), HTP 2020/FIN, EU OELV (EC/2000/39)
May be absorbed through the skin.

Ethanol (CAS: 64-17-5)

DNEL

Workers - Inhalation; Long term systemic effects: 950 mg/m³
Workers - Inhalation; Short term local effects: 1900 mg/m³
Workers - Dermal; Long term systemic effects: 343 mg/kg/day
Consumer - Inhalation; Short term local effects: 950 mg/m³
Consumer - Dermal; Long term systemic effects: 206 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 114 mg/m³
Consumer - Oral; Long term systemic effects: 87 mg/kg/day

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- PNEC**
- Fresh water; 0,96 mg/l
 - marine water; 0,79 mg/l
 - Intermittent release; 2,75 mg/l
 - Sediment (Freshwater); 3,6 mg/kg, dw
 - Sediment (Marinewater); 2,9
 - STP; 580 mg/l
 - Soil; 0,63 dw, mg/kg
 - Secondary poisoning; 0,38 g/kg food

butanone (CAS: 78-93-3)

- DNEL**
- Workers - Dermal; Long term : 1161 mg/kg/day
 - Workers - Inhalation; Long term : 600 mg/m³
 - Workers - Dermal; Long term : 412 mg/kg/day
 - Consumer - Inhalation; Long term : 106 mg/m³
 - Consumer - Oral; Long term : 31 mg/kg

- PNEC**
- Fresh water; 55,8 mg/l
 - marine water; 55,8 mg/l
 - Sediment (Freshwater); 284,74 mg/kg
 - Sediment (Marinewater); 287,7 mg/kg
 - Soil; 22,5 mg/kg, ww

(2-methoxymethylethoxy)propanol (CAS: 34590-94-8)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 308 mg/m³
 - Workers - Dermal; Long term systemic effects: 283 mg/kg bw/day
 - General population - Inhalation; Long term systemic effects: 37,2 mg/m³
 - General population - Dermal; Long term systemic effects: 121 mg/kg bw/day
 - General population - Oral; Long term systemic effects: 36 mg/kg bw/day

- PNEC**
- Fresh water; 19 mg/l
 - Intermittent release, Fresh water; 190 mg/l
 - marine water; 1,9 mg/l
 - STP; 4168 mg/l
 - Sediment (Freshwater); 70,2 mg/kg, dw
 - Sediment (Marinewater); 7,02 mg/kg, dw
 - Soil; 2,74 mg/kg, dw

1-methoxy-2-propanol (CAS: 107-98-2)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 369 mg/m³
 - Workers - Inhalation; Short term systemic effects: 553,5 mg/m³
 - Workers - Inhalation; Short term local effects: 553,5 mg/m³
 - Workers - Dermal; Long term systemic effects: 183 mg/kg bw/day
 - General population - Inhalation; Long term systemic effects: 43,9 mg/m³
 - General population - Dermal; Long term systemic effects: 78 mg/kg bw/day
 - General population - Oral; Long term systemic effects: 33 mg/kg bw/day

- PNEC**
- Fresh water; 10 mg/l
 - marine water; 1 mg/l
 - Intermittent release, Fresh water; 100 mg/l
 - STP; 100 mg/l
 - Sediment (Freshwater); 52,3 mg/kg, dw
 - Sediment (Marinewater); 5,2 mg/kg, dw
 - Soil; 4,59 mg/kg, dw

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N,N-dimethyldodecylamine N-oxide (CAS: 2605-79-0)

| | |
|-------------|--|
| DNEL | Workers - Inhalation; Long term systemic effects: 6,2 mg/m ³ Workers - Dermal; Long term systemic effects: 11 mg/kg bw/day General population - Inhalation; Long term systemic effects: 1,53 mg/m ³ General population - Dermal; Long term systemic effects: 5,5 mg/kg bw/day General population - Oral; Long term systemic effects: 0,44 mg/kg bw/day |
| PNEC | Fresh water; 0,034 mg/l marine water; 0,003 mg/l Intermittent release; 0,034 mg/l STP; 4,59 mg/l Sediment (Freshwater); 5,24 mg/kg, dw Sediment (Marinewater); 0,524 mg/kg, dw Soil; 1,02 mg/kg, dw Oral; 11,1 mg/kg |

8.2. Exposure controls

| | |
|---|--|
| Appropriate engineering controls | All handling should only take place in well-ventilated areas. Eye wash facilities and emergency shower must be available when handling this product. |
| Eye/face protection | Tight-fitting safety glasses. If there is a risk of aerosol formation, full face mask should be used. |
| Hand protection | Wear protective gloves. It is recommended that gloves are made of the following material: Butyl rubber. Nitrile rubber. The selected gloves should have a breakthrough time of at least 8 hours. Protective gloves according to standard EN 374. Change protective gloves regularly. |
| Other skin and body protection | Protective clothing when needed. |
| Respiratory protection | If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Filter must be changed often enough. |
| Environmental exposure controls | Take precautions against leakage by constructing collecting pools and sewerage systems as well as by surfacing the loading and unloading stations. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-----------------------|
| Appearance | Liquid. |
| Colour | Blue. |
| Odour | Alcoholic. |
| Odour threshold | - |
| pH | 7.0-8.1 |
| Melting point | ethanol -114°C |
| Initial boiling point and range | ethanol 78°C |
| Flash point | 24°C Estimated value. |
| Evaporation factor | - |
| Flammability (solid, gas) | - |

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Upper/lower flammability or explosive limits ethanol
Upper flammable/explosive limit: 19 %
Lower flammable/explosive limit: 3,3 %

Vapour pressure ethanol 5,85 kPa @ 20°C

Vapour density -

Relative density -

Solubility(ies) Completely soluble in water.

Auto-ignition temperature 425°C (undiluted)

Decomposition Temperature -

Viscosity -

Explosive properties -

Oxidising properties -

9.2. Other information

Other information Not known.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Avoid heat, flames and other sources of ignition.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Reactions with the following materials may generate heat: Oxidising agents. Strong acids. Strong alkalis.

10.4. Conditions to avoid

Conditions to avoid Volatile liquid. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Oxidising agents. Strong acids. Alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Based on available data the classification criteria are not met.

Skin corrosion/irritation

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

Serious eye damage/irritation

Serious eye damage/irritation Vapours/aerosol spray may irritate the respiratory system. Based on available data the classification criteria are not met.

Respiratory sensitisation

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Respiratory sensitisation Vapours/aerosol spray may irritate the respiratory system. Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Prolonged contact may cause redness, irritation and dry skin. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vivo Based on available data the classification criteria are not met.

Carcinogenicity

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

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Toxicological information on ingredients.

Ethanol

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 10470 mg/kg, Oral, Rat (OECD 401)

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 15800 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ (4h) 117 mg/l, Inhalation, Rat (OECD 403)

butanone

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit

N,N-dimethyldecylamine N-oxide

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 300-2000 mg/kg bw, Oral, Rat, Female (OECD 423)

ATE oral (mg/kg) 5,000.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀, (24h) > 2000 mg/kg bw, Dermal, Rat (OECD 402)

NESTE VOLTERA STRONG 50 %**1-methoxy-2-propanol****Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ 4016 mg/kg bw, Oral, Rat (EU B:1)

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg bw, Dermal, Rat (24w) (EU B.3)

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ >7000 ppm, (6h) , Vapour Rat (OECD 403)
LC₅₀ 27596 mg/l, (6h) , Vapour Rat (OECD 403)

(2-methoxymethylethoxy)propanol**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ > 5000 mg/kg, Oral, Rat (OECD 401)

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 9510 mg/kg bw, Dermal, Rabbit (24h) (OECD 402)

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ > 1,67 mg/l, (7 h) , Vapour Rat (OECD 403)

SECTION 12: Ecological information**12.1. Toxicity**

Toxicity The product is not expected to be hazardous to the environment. Based on available data the classification criteria are not met.

Ecological information on ingredients.**Ethanol****Acute aquatic toxicity**

Acute toxicity - fish LC₅₀, 96 hours: 14,2 mg/l, Pimephales promelas (Fat-head Minnow)
(US EPA E03-05)

Acute toxicity - aquatic invertebrates LC₅₀, 48 hours: 5012 mg/l, Freshwater invertebrates
Ceriodaphnia dubia
(ASTM E729-80)

EC₅₀, 48 hours: 857 mg/l, Marinewater invertebrates

Acute toxicity - aquatic plants

EC₅₀, 3 days: 275 mg/l,
EC10, 3 days: 11,5 mg/l,
Chlorella vulgaris
(OECD 201)

Chronic aquatic toxicity

Short term toxicity - embryo and sac fry stages NOEC, 120 hours: 250 mg/l,
Danio rerio (OECD 212)

Chronic toxicity - aquatic invertebrates NOEC, 10 days: 2 mg/l,
(Environ. Toxicol. Chem., 1984, 3, 425-434)

butanone**Acute aquatic toxicity**

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| | |
|---|--|
| Acute toxicity - fish | LC ₅₀ , 48 hours: <100 mg/l, Leuciscus idus (Golden orfe) |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: >100 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | EC ₈₀ , 7 days: >100 mg/l, Desmodesmus subspicatus |

N,N-dimethyldecylamine N-oxide**Acute aquatic toxicity**

| | |
|--|---|
| LE(C)₅₀ | 0.1 < L(E)C ₅₀ ≤ 1 |
| M factor (Acute) | 1 |
| Acute toxicity - aquatic plants | NOEC, 28 days: >=67 µg/l, Algae Fresh water IC ₅₀ , : 0,16 mg/l, Algae |

1-methoxy-2-propanol**Acute aquatic toxicity**

| | |
|---|---|
| Acute toxicity - fish | LC ₅₀ , 96 hours: 4600-10000 mg/l, Leuciscus idus (Golden orfe) (DIN 38412-15) |
| Acute toxicity - aquatic invertebrates | LC ₅₀ , 48 hours: 21100-25900 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | ErC ₅₀ , 7 days: >1000 mg/l, Pseudokirchneriella subcapitata |
| Acute toxicity - microorganisms | EC ₅₀ , : >1000 mg/l, Pseudomonas fluorescens IC ₅₀ , 3 hours: >1000 mg/l, Activated sludge (OECD 209) |

(2-methoxymethylethoxy)propanol**Acute aquatic toxicity**

| | |
|---|--|
| Acute toxicity - fish | LC ₅₀ , 96 hours: > 1000 mg/l, Fish, Poecilia reticulata (Guppy) (OECD 203) |
| Acute toxicity - aquatic invertebrates | LC ₅₀ , 48 hours: 1919 mg/l, Daphnia magna (OECD 202) |
| Acute toxicity - aquatic plants | EC ₅₀ , 96 hours: 969 mg/l, Algae NOEC, 72 hours: 969 mg/l, Pseudokirchneriella subcapitata (OECD 201) ErC ₅₀ , 72 hours: > 969 mg/l, Pseudokirchneriella subcapitata (OECD 201) |
| Acute toxicity - microorganisms | EL ₁₀ , 18 hours: 4168 mg/l, Pseudomonas putida |
| <u>Chronic aquatic toxicity</u> | |
| Chronic toxicity - aquatic invertebrates | NOEC, 22 days: >=0,5 mg/l, Daphnia magna (OECD 211) |

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Toxicity to terrestrial plants NOEC, 21 days: 250 g/l,
Brassica napus
EC₅₀, 21 days: >500 mg/l,
Brassica napus

12.2. Persistence and degradability

Persistence and degradability Evaporates rapidly from surface water to atmosphere, where degrades.

Biodegradation The product is readily biodegradable.

Ecological information on ingredients.

Ethanol

Biodegradation Rapidly degradable

N,N-dimethyldecylamine N-oxide

Biodegradation 97 %, 28 d
(OECD 301E)

1-methoxy-2-propanol

Biodegradation 96%, 28 d
(OECD 301E)

(2-methoxymethylethoxy)propanol

Biodegradation 76-96 %, 28d (OECD 301F)

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Ecological information on ingredients.

Ethanol

Partition coefficient log Kow =-0,35 @ 20°C

N,N-dimethyldecylamine N-oxide

Bioaccumulative potential BCF: 126,5 l/kg, Fish BCFBAF v3.01 Estimated value.

Partition coefficient log Kow: 0,95-2,7 (calculated)

1-methoxy-2-propanol

Partition coefficient log Kow: < 1 @ 20°C (OECD 117)

(2-methoxymethylethoxy)propanol

Partition coefficient log Kow: 0,004 @ 25 °C (OECD 107)

12.4. Mobility in soil

Mobility Evaporates rapidly from surface water to atmosphere, where degrades. The product is water-soluble and may spread in water systems. Expected to have a low potential for adsorption. Risk of soil and ground water contamination.

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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Do not reuse empty containers.

SECTION 14: Transport information

14.1. UN number

-

UN No. (ADR/RID) 1987

14.2. UN proper shipping name

Proper shipping name (ADR/RID) UN 1987, ALCOHOLS, N.O.S. (Ethanol)

14.3. Transport hazard class(es)

ADR/RID class 3

14.4. Packing group

ADR/RID packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Tunnel restriction code (D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

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EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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 (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

Key literature references and sources for data

The manufacturer's SDS. Regulations, databases, literature, own research.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

24/11/2021

Supersedes date

19/02/2020

SDS number

6075

Hazard statements in full

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.