

Scanningspray Vertriebs GmbH

45657 Recklinghausen

Date printed 20.04.2022, Revision 16.02.2021

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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 classified as hazardous in accordance to OSHA Standard 29 CFR 1910.1200 (HCS 2012)

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 flames and hot surfaces. 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.

This product is classified as hazardous in accordance to OSHA Standard 29 CFR 1910.1200.

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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	Cyclopentan 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

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.
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

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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 (vapors are heavier than air).

Avoid formation of aerosols.

Use solvent-resistant equipment.

Keep away from sources of ignition - refrain from smoking.

Vapors 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

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (US)**

Substance
Butane
CAS: 106-97-8
Long-term exposure: 800 ppm, 1900 mg/m ³ , NIOSH
Propane
CAS: 74-98-6
Long-term exposure: 1000 ppm, 1800 mg/m ³ , OSHA

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, dermal, Long-term - systemic effects, 343 mg/kg bw/d
Industrial, inhalative (vapor), Long-term - systemic effects, 950 mg/m ³
general population, inhalative (vapor), Acute - local effects, 950 mg/m ³
general population, dermal, Long-term - systemic effects, 206 mg/kg bw/d
general population, inhalative (vapor), Long-term - systemic effects, 114 mg/m ³
general population, oral, Long-term - systemic effects, 87 mg/kg bw/d
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, inhalative, Long-term - systemic effects, 66,7 mg/m ³
Industrial, dermal, Long-term - systemic effects, 9,5 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 16,6 mg/m ³
general population, dermal, Long-term - systemic effects, 4,8 mg/kg bw/day
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
Cyclopentan, 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
general population, oral, Long-term - systemic effects, 214 mg/kg bw/day

PNEC

Substance
Butane, CAS: 106-97-8

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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 (seawater), 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 (seawater), 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 (seawater), 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) Avoid contact with eyes and skin. Do not inhale gases/vapors/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.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	aerosol
Color	yellowish
Odor	citrus
Odor threshold	Not determined
pH-value	Not determined
pH-value [1%]	Not determined
Boiling point [°C]	Not determined
Flash point [°C]	Not determined
Flammability [°C]	Not applicable
Lower explosion limit	Not determined
Upper explosion limit	Not determined
Oxidizing properties	No
Vapor 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.

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10.6 Hazardous decomposition products

No hazardous decomposition products known.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product
ATE-mix, oral, Based on the information available, the classification criteria have not been 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
Cyclopentan, CAS: 287-92-3
LD50, oral, Rat, > 5000 mg/kg OECD 423

Acute dermal toxicity

Product
ATE-mix, dermal, Based on the information available, the classification criteria have not been 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 information available, the classification criteria have not been 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
Cyclopentan, CAS: 287-92-3
LC50, inhalative, Rat, 25,3 mg/L (4h) OECD 403

Serious eye damage/irritation

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

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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
Cyclopentan, CAS: 287-92-3
No information available.

Skin corrosion/irritation

Based on the information available, the classification criteria have not been 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
Cyclopentan, CAS: 287-92-3
No information available.

Respiratory or skin sensitisation

Based on the information available, the classification criteria have not been 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
inhalative, non-sensitizing
dermal, Guinea pig, OECD 406, non-sensitizing
iso-Butane, CAS: 75-28-5
inhalative, non-sensitizing
dermal, non-sensitizing
Cyclopentan, CAS: 287-92-3
No information available.

Specific target organ toxicity — single exposure

Vapors may cause drowsiness and dizziness.

Based on the information available, the classification criteria have been fulfilled.
Calculation method

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

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inhalative, non-irritating

iso-Butane, CAS: 75-28-5

inhalative, non-irritating

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

Substance

Propane, CAS: 74-98-6

NOAEC, inhalative, Rat, 4437 mg/m³

Ethanol, CAS: 64-17-5

NOAEL, oral, mouse, 9400 mg/kg bw/day (subchronic), no adverse effect observed

Cyclopentan, CAS: 287-92-3

No information available.

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

Substance

Cyclopentan, CAS: 287-92-3

No information available.

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

Substance

Ethanol, CAS: 64-17-5

NOAEL, oral, mouse, 20700 mg/kg bw/day (subchronic), OECD 416, no adverse effect observed

NOAEC, inhalative, Rat, 30400 mg/m³ (subchronic), no adverse effect observed

Cyclopentan, CAS: 287-92-3

No information available.

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

Substance

Ethanol, CAS: 64-17-5

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

Cyclopentan, CAS: 287-92-3

No information available.

Aspiration hazard — Based on the information available, the classification criteria have not been 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.

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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
Cyclopentan, 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.

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SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Dispose of as hazardous waste.

Contaminated packaging

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

RCRA Hazard Class (40CFR 261)

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

SECTION 14: Transport**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

DOT Road Shipment Information (49
CFR) 1950


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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
- EMS F-D, S-U
- Label 
- IMDG LQ 1 I

Air transport in accordance with IATA Aerosols, flammable
- Label 

DOT Road Shipment Information (49 UN/NA 1950 Aerosols 2
CFR)
- 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

DOT Road Shipment Information (49 CFR) 2

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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

DOT Road Shipment Information (49 CFR) 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

DOT Road Shipment Information (49 CFR) 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

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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****US Regulations****National regulations**

29 CFR 1910.1200-HCS 2012, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65

- SARA, 302

This product does not contain any ingredients regulated under this list.

- SARA, 311

This product is classified as hazardous under SARA 311 - Hazardous Chemical .

- SARA, 313

This product does not contain any ingredients regulated under this list.

- CA Proposition 65

No components require labeling under California Proposition 65.

- TSCA

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

- FDA

Not applicable

American Conference of Governmental Industrial Hygienists - ACGIH

CAS 64-17-5 One or some ingredient(s) are listed under this regulation.

International Agency for Research on Cancer IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

National Toxicology Program - NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

HAP-VOC

95 %

Transport-regulations

DOT-Classification, ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2022)

15.2 Chemical safety assessment

Not applicable

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SECTION 16: Other information**16.1 Abbreviations and acronyms:**

ACGIH = American Conference of Governmental Industrial Hygienists;
 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;
 CAS = Chemical Abstracts Service;
 CERCLA = Comprehensive Environmental Response, Compensation and Liability Act;
 CFR = Code of Federal Regulations;
 CPR = Controlled Products Regulations;
 DMEL = Derived Minimum Effect Level;
 DNEL = Derived No Effect Level;
 DOT = Department of Transportation;
 EC50 = Median effective concentration;
 EPA = Environmental Protection Agency;
 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;
 IARC = International Agency of Research on Cancer;
 IATA = International Air Transport Association;
 TSCA = Toxic Substance Control Act;
 HMIS = Hazardous Materials Identification System;
 NFPA = National Fire Protection Association;
 NIOSH = National Institute for Occupational Safety and Health;
 OSHA = Occupational Safety and Health Administration;
 LC50 = Lethal concentration, 50%;
 LD50 = Median lethal dose, 50%;
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships;
 PBT = Persistent, Bioaccumulative and Toxic substance;
 PNEC = Predicted No-Effect Concentration;
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals;
 SARA = Superfund Amendments and Reauthorization Act;
 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 Ratings

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NFPA Ratings



TOP, FLAMMABILITY: 4 - Extreme Hazard
 LEFT, HEALTH: 1 - Slight Hazard
 RIGHT, REACTIVITY: 1 - Slight Hazard
 BOTTOM, SPECIAL NOTICE: FLG - Flammable Gas

HMIS Ratings

HEALTH	2	2 - Moderate Hazard
FLAMMABILITY	4	4 - Extreme Hazard
PHYSICAL HAZARD	2	2 - Moderate Hazard
PERSONAL PROTECTION	B	B - Safety Glasses and Gloves

PERSONAL PROTECTION:

- A - Safety Glasses
- B - Safety Glasses and Gloves
- C - Safety Glasses, Gloves and Protection Apron
- D - Face Shield, Gloves and Protection Apron
- E - Safety Glasses, Gloves and Dust Respirator
- F - Safety Glasses, Gloves, Protection Apron and Dust Respirator
- G - Safety Glasses, Gloves and Vapor Respirator.
- H - Splash Goggles, Gloves, Protection Apron and Vapor Respirator.
- I - Safety Glasses, Gloves, Dust Respirator and Vapor Respirator.
- J - Splash Goggles, Gloves, Protection Apron, Dust Respirator and Vapor Respirator.
- K - Airline Mask or Hood, Gloves, Full Suit and Boots.
- X - Personal protection rating to be supplied by user depending on use conditions

Modified position

None



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