

Scanningspray Vertriebs GmbH
45657 Recklinghausen

Date printed 22.09.2021, Revision 10.09.2021

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

1.1 Product identifier

Aesub blue

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

1.2.1 Relevant uses

Coating
Post-treatment agents

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.
STOT SE 3: H336 May cause drowsiness or dizziness.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.

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

Contains:

cyclopentane

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H336 May cause drowsiness or dizziness.

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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.
P501 Dispose of contents / container to in accordance with local / regional / national / international regulation.

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2.3 Other hazards

Physico-chemical hazards	Heat causes increase in pressure and risk of bursting.
Human health dangers	May cause irritation of eye and skin.
Environmental hazards	Does not contain any PBT or vPvB substances.
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
25 - < 50	cyclopentane CAS: 287-92-3
25 - < 50	Propane CAS: 74-98-6
10 - < 25	Ethanol CAS: 64-17-5
5 - < 10	Adamantane CAS: 281-23-2
1 - < 5	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics CAS: 64742-49-0
1 - < 5	Hydrocarbons, C6, isoalkanes, <5% n-hexane CAS: 64742-49-0
1 - < 10	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane
< 1	n-Hexane CAS: 110-54-3

Comment on component parts	All ingredients of this product are listed on the Canadian Domestic Substance List (DSL) or the Canadian Non-Domestic Substance List NDSL. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. For full text of H-statements: see SECTION 16.
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SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Take off contaminated clothing and wash before reuse.
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. Consult a doctor if skin irritation persists.
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	Seek medical advice immediately. Rinse out mouth and give plenty of water to drink. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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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.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Bursting aerosols can be forcibly projected from a fire.

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
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

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use breathing apparatus if exposed to vapours/aerosol.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Retain and dispose of contaminated wash water.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (f.ex. diatomaceous earth).
Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Use solvent-resistant equipment.
Provide good room ventilation even at ground level (vapours are heavier than air).

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
Vapours can form an explosive mixture with air.

Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.
Wash hands before breaks and after work.
Use barrier skin cream.

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7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Prevent penetration into the ground.

Do not store together with oxidizing agents.

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

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.

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 (CA)

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

DNEL

Substance
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane
Industrial, inhalative, Long-term - systemic effects, 2035 mg/m ³
Industrial, dermal, Long-term - systemic effects, 773 mg/kg bw/d
general population, inhalative, Long-term - systemic effects, 608 mg/m ³
general population, dermal, Long-term - systemic effects, 699 mg/kg bw/d
general population, oral, Long-term - systemic effects, 699 mg/kg bw/d
Hydrocarbons, C6, isoalkanes, <5% n-hexane
Industrial, dermal, Long-term - systemic effects, 13964 mg/kg bw/d
Industrial, inhalative, Long-term - systemic effects, 5306 mg/m ³
general population, inhalative, Long-term - systemic effects, 1131 mg/m ³
general population, dermal, Long-term - systemic effects, 1377 mg/kg bw/d
general population, oral, Long-term - systemic effects, 1301 mg/kg bw/d
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Industrial, inhalative, Long-term - systemic effects, 2085 mg/m ³
Industrial, dermal, Long-term - systemic effects, 300 mg/kg bw/d
general population, dermal, Long-term - systemic effects, 149 mg/kg bw/d
general population, oral, Long-term - systemic effects, 149 mg/kg bw/d
general population, inhalative, Long-term - systemic effects, 477 mg/m ³
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
Industrial, inhalative (vapor), Acute - local effects, 1900 mg/m ³
general population, oral, Long-term - systemic effects, 87 mg/kg bw/d
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, inhalative (vapor), Acute - local effects, 950 mg/m ³
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
general population, oral, Long-term - systemic effects, 214 mg/kg bw/day

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PNEC

Substance
Propane, CAS: 74-98-6
There are no PNEC values established for the substance.
Ethanol, CAS: 64-17-5
soil, 0,63 mg/kg
sediment (freshwater), 3,6 mg/kg
seawater, 0,79 mg/l
freshwater, 0,96 mg/l
oral (food), 0,38 g/kg
sediment (seaater), 2,9 mg/kg
sewage treatment plants (STP), 580 mg/l

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
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	Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin. 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	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter AX.
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	various
Odor	characteristic
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	- 161,5 (1013 mbar)
Flash point [°C]	< -29 (1013 mbar)
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	0,6 Vol.-%
Upper explosion limit	15 Vol.-%
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	25 (20°C)
Density [g/cm ³]	No information available.
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]	No information available.
Kinematic viscosity	not applicable
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not applicable
Auto-ignition temperature	264
Decomposition temperature [°C]	not applicable
Particle characteristics	No information available.

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4 Conditions to avoid

Strong heating.
See SECTION 7.2.

10.5 Incompatible materials

Oxidizing agent

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10.6 Hazardous decomposition products

No dangerous reactions known if used as directed.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product
oral, Based on the available information, the classification criteria are not fulfilled.
Substance
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane
LD50, oral, Rat, > 5800 mg/kg
n-Hexane, CAS: 110-54-3
LD50, oral, Rat, 25000 mg/kg bw (GESTIS)
Hydrocarbons, C6, isoalkanes, <5% n-hexane
LD50, oral, Rat, > 5000 mg/kg, OECD 401
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
LD50, oral, Rat, > 3000 mg/kg bw
Ethanol, CAS: 64-17-5
LD50, oral, Rat, 10470 mg/kg (OECD 401)
cyclopentane, CAS: 287-92-3
LD50, oral, Rat, 2000 - 5000 mg/kg bw

Acute dermal toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.
Substance
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane
LD50, dermal, Rabbit, > 3920 mg/kg
n-Hexane, CAS: 110-54-3
LD50, dermal, Rabbit, 3000 mg/kg bw (IUCLID)
Hydrocarbons, C6, isoalkanes, <5% n-hexane
LD50, dermal, Rabbit, > 3350 mg/kg, OECD 402
Ethanol, CAS: 64-17-5
LD50, dermal, Rabbit, > 2000 mg/kg (OECD 402)

Acute inhalational toxicity

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.
Substance
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane
LC50, inhalative, Rat, > 25,2 mg/l 4h
n-Hexane, CAS: 110-54-3
LC50, inhalative, Rat, 169 mg/L (4h) (GESTIS)
Hydrocarbons, C6, isoalkanes, <5% n-hexane
LC50, inhalative, Rat, > 20 mg/l/4h, OECD 403
Propane, CAS: 74-98-6
LC50, inhalative, Rat, > 1443 mg/l (15 min) (Lit.)

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Ethanol, CAS: 64-17-5

LC50, inhalative, Rat, 117-125 mg/l/4h (OECD 403)

cyclopentane, CAS: 287-92-3

LC50, inhalative, Rat, 25,3 mg/L (4h)

Serious eye damage/irritation Based on the available information, the classification criteria are not fulfilled.

Substance

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Eye, Rabbit, non-irritating

Hydrocarbons, C6, isoalkanes, <5% n-hexane

Eye, Rabbit, In vivo study, non-irritating

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

No information available., non-irritating

Propane, CAS: 74-98-6

Eye, non-irritating

Ethanol, CAS: 64-17-5

Eye, Rabbit, OECD 405, irritant

Skin corrosion/irritation Based on the available information, the classification criteria are not fulfilled.

Substance

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

dermal, Rabbit, OECD 404, irritant

Hydrocarbons, C6, isoalkanes, <5% n-hexane

dermal, Rabbit, In vivo study, irritant

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

dermal, Rabbit, OECD 404, irritant

Propane, CAS: 74-98-6

dermal, non-irritating

Ethanol, CAS: 64-17-5

dermal, Rabbit, OECD 404, non-irritating

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.

Substance

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

No information available., negativ

Propane, CAS: 74-98-6

inhalative, non-sensitizing

dermal, non-sensitizing

Ethanol, CAS: 64-17-5

dermal, Guinea pig, OECD 406, non-sensitizing

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

Substance

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

No information available., positive

Propane, CAS: 74-98-6

inhalative, non-irritating

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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

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

Substance

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

NOAEC, inhalative, Rat, 8117 mg/m³, negativ

Hydrocarbons, C6, isoalkanes, <5% n-hexane

LOAEC, inhalative, Rat, 10 504 mg/m³, negativ

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

NOAEC, inhalative, Rat, 12470 mg/m³, negativ

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

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

Substance

Hydrocarbons, C6, isoalkanes, <5% n-hexane

in vitro, OECD 476, negativ

in vitro, OECD 473, negativ

in vitro, OECD 471, negativ

negativ

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

No information available., negativ

Ethanol, CAS: 64-17-5

mouse, OECD 476, negativ

OECD 471, negativ

Ames-test, negativ

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

Substance

Hydrocarbons, C6, isoalkanes, <5% n-hexane

NOAEC, inhalative, Rat, 31680 mg/m³, negativ, Effects on fertility (Hexane),

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

No information available., negativ

Ethanol, CAS: 64-17-5

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

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

Substance

Hydrocarbons, C6, isoalkanes, <5% n-hexane

NOAEC, inhalative, Rat, 31680 mg/m³, negativ

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

No information available., negativ

Ethanol, CAS: 64-17-5

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

Aspiration hazard

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

General remarks

Frequent persistent contact with the skin can cause skin irritation.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturer. 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.

SECTION 12: Ecological information

12.1 Toxicity

Substance
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane
EL50, (72h), Pseudokirchneriella subcapitata, 30 - 100 mg/l
EL50, (48h), Daphnia magna, 3 mg/l
NOEC, (21d), Daphnia magna, 0,17 mg/l
LL50, (96h), Oncorhynchus mykiss, 11,4 mg/l
LOEC, (21d), Daphnia magna, 0,32 mg/l
n-Hexane, CAS: 110-54-3
LC50, (96h), Pimephales promelas, 2,5 mg/L (GESTIS)
Hydrocarbons, C6, isoalkanes, <5% n-hexane
LC50, (48h), Oryzias latipes, 1 mg/l
LC50, (48h), Daphnia magna, 3,87 mg/l
NOELR, (72h), Pseudokirchneriella subcapitata, 30 mg/l
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
EC50, (48h), Daphnia magna, 3 mg/l
EC50, (72h), Pseudokirchneriella subcapitata, 10 - 30 mg/l
NOEC, (21d), Daphnia magna, 0,17 mg/l
NOELR, (72h), Pseudokirchneriella subcapitata, 10 mg/l
LL50, (96h), Oncorhynchus mykiss, > 13,4 mg/l
Ethanol, CAS: 64-17-5
LC50, (96h), Oncorhynchus mykiss, 13000 mg/l (OECD 203)
LC50, (48h), Daphnia magna, 12340 mg/l
EC50, (48h), Selenastrum capricornutum, 12900 mg/l (OECD 201)
EC50, (72h), Algae, 275 mg/l (OECD 201)
cyclopentane, CAS: 287-92-3
EC50, (48h), Daphnia magna, 10,5 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.

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12.4 Mobility in soil

not applicable

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

Ecotoxicological data are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

Do not discharge product unmonitored into the environment.

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.

Coordinate disposal with the authorities if necessary.

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Dispose full / partially emptied cartridges as hazardous waste in accordance with official regulations.

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) 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 

Canadian Code for the Transportation of Dangerous Goods (TDG) UN 1950 Aerosols 2
- 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
Canadian Code for the Transportation of Dangerous Goods (TDG) 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

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 determined

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 ca. 90,5%

15.2 Chemical safety assessment

not applicable

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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")
STOT SE 3: H336 May cause drowsiness or dizziness. ()
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Bridging principle "Aerosols")

Modified position

SECTION 2 been added: May cause irritation of eye and skin.
SECTION 2 been added: Further hazards were not determined with the current level of knowledge.
SECTION 2 been added: Asp. Tox. 1
SECTION 2 been added: H336 May cause drowsiness or dizziness.
SECTION 2 been added: WARNING
SECTION 2 been added: Ausrufezeichen
SECTION 2 been added: STOT SE 3
SECTION 11 been added: Contains no ingredients with endocrine-disrupting properties.

**Safety Data Sheet (SDS) according to HPR-Hazardous Products Regulations
(WHMIS2015) (CA)**

Aesub blue



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