SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Stonder Primer Filler White 9003 Spray**

Creation date: **13.03.2023**, **Revision:** **15.05.2023**, **version:** **4.1**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name

Stonder Primer Filler White 9003 Spray

Product code

[80142 UFI:QW9Y-A2Q1-9R0R-MRN3]

https://my.chemius.net/p/H21mTI/en/pd/en

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

Relevant identified uses

Primer. Aerosol.

Uses advised against

Do not use for purposes other than those prescribed.

1.3 Details of the supplier of the safety data sheet

Supplier

Rags LTD
Džūkstes str.1
LV-1004 Riga, Latvia
+37167808780
rags@rags.lv

1.4 Emergency Telephone Number

Emergency

112

Supplier

+37167808780

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222 + H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
Eye Irrit. 2; H319 Causes serious eye irritation.
STOT SE 3; H336 May cause drowsiness or dizziness.
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Signal word: DANGER

H222 + H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains fatty acids, C18-unsatd., trimers, compds. with oleylamine. May produce an allergic reaction.
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
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.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P403 Store in a well-ventilated place.
P410 + P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F.
P501 Dispose of contents/container in accordance with national regulation.

Contains:
butanone
acetone
n-butyl acetate
2-methoxy-1-methylethyl acetate

2.3 Other hazards

PBT/vPvB
No information.

Endocrine disrupting properties
No information.

Additional information
No information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

For mixtures see 3.2.

3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
dimethyl ether	115-10-6 204-065-8 -	25-<50	Flam. Gas 1; H220 Press. Gas; H280	/	/

butanone	78-93-3 201-159-0 606-002-00-3	10-<25	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/	/
acetone	67-64-1 200-662-2 606-001-00-8	10-<25	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/	/
n-butyl acetate	123-86-4 204-658-1 607-025-00-1	2,5-<10	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/	/
trizinc bis(orthophosphate)	7779-90-0 231-944-3 030-011-00-6	2,5-<10	Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 607-195-00-7	1-<2.5	Flam. Liq. 3; H226 STOT SE 3; H336	/	/
fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4 - -	0.1-<0,25	Acute Tox. 4; H302 Skin Sens. 1; H317 STOT RE 2; H373 Aquatic Chronic 2; H411	/	/

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

Following inhalation

Remove patient to fresh air - move out of dangerous area. Obtain professional medical help!

Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

Following ingestion

No information.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

Vapours may cause drowsiness and dizziness.

Following skin contact

No information.

Following eye contact

Redness, tearing, pain.

Following ingestion

No information.

4.3 Indication of any immediate medical attention and special treatment needed

No information.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media
Full water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products
No information.

5.3 Advice for firefighters

Protective actions
Cool containers at risk with water spray. If possible remove containers from endangered area.

Special protective equipment for fire-fighters
Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

Additional information
No information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment
No information.

Precautionary measures
Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

Emergency procedures
No information.

For emergency responders
No information.

6.2 Environmental precautions

In case of release into the environment, inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

For containment
No information.

For cleaning up
Collect the spray cans and hand them over to an authorized waste disposal contractor.

OTHER INFORMATION
No information.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation

No information.

Measures to protect the environment

No information.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs.

Packaging materials

No information.

Requirements for storage rooms and vessels

No information.

Storage class

No information.

Further information on storage conditions

No information.

7.3 Specific end use(s)

Recommendations

No information.

Industrial sector specific solutions

No information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Name	mg/m^3	ml/m^3	Short-term value mg/m^3	Short-term value ml/m^3	Remark	Biological Tolerance Values
Butan-2-one (methyl ethyl ketone) (78-93-3)	600	200	899	300	Sk, BMGV	70 µmol butan-2-one/L in urine - Post shift 70 µmol butan-2-one/L in urine - Post shift
1-Methoxypropyl acetate (108-65-6)	274	50	548	100	Sk	/
Acetone (67-64-1)	1210	500	3620	1500	/	/

Butyl acetate (123-86-4)	724	150	966	200	/	/
Dimethyl ether (115-10-6)	766	400	958	500	/	/

Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

DNEL/DMEL values

For product

No information.

For components

Name	Type	Exposure route	exp. frequency	Remark	value
dimethyl ether	Worker	inhalation	long term systemic effects	/	1894 mg/m³
dimethyl ether	Consumer	inhalation	long term systemic effects	/	471 mg/m³
butanone	Consumer	oral	long term systemic effects	/	mg/kg
butanone	Consumer	dermal	long term systemic effects	/	mg/kg
butanone	Worker	dermal	long term systemic effects	/	mg/kg
butanone	Consumer	inhalation	long term systemic effects	/	mg/m³
butanone	Worker	inhalation	long term systemic effects	/	mg/m³
n-butyl acetate	Worker	inhalation	long term systemic effects	/	300 mg/m³
n-butyl acetate	Worker	inhalation	short term systemic effects	/	600 mg/m³
n-butyl acetate	Worker	inhalation	long term local effects	/	300 mg/m³
n-butyl acetate	Worker	inhalation	short term local effects	/	600 mg/m³
n-butyl acetate	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Consumer	inhalation	long term systemic effects	/	35.7 mg/m³
n-butyl acetate	Consumer	inhalation	short term systemic effects	/	300 mg/m³
n-butyl acetate	Consumer	inhalation	long term local effects	/	35.7 mg/m³
n-butyl acetate	Consumer	inhalation	short term local effects	/	300 mg/m³
n-butyl acetate	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day
n-butyl acetate	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day
2-methoxy-1-methylethyl acetate	Worker	inhalation	long term systemic effects	/	275 mg/m³
2-methoxy-1-methylethyl acetate	Worker	inhalation	short term local effects	/	550 mg/m³
2-methoxy-1-methylethyl acetate	Worker	dermal	long term systemic effects	/	796 mg/kg bw/day

2-methoxy-1-methylethyl acetate	Consumer	inhalation	long term systemic effects	/	33 mg/m³
2-methoxy-1-methylethyl acetate	Consumer	inhalation	long term local effects	/	33 mg/m³
2-methoxy-1-methylethyl acetate	Consumer	dermal	long term systemic effects	/	320 mg/kg bw/day
2-methoxy-1-methylethyl acetate	Consumer	oral	long term systemic effects	/	36 mg/kg bw/day
2-methoxy-1-methylethyl acetate	Consumer	oral	short term systemic effects	/	500 mg/kg bw/day

PNEC values

For product

No information.

For components

Name	Exposure route	Remark	value
dimethyl ether	fresh water	/	0.155 mg/L
dimethyl ether	water, intermittent release	fresh water	1.549 mg/L
dimethyl ether	marine water	/	0.016 mg/L
dimethyl ether	water treatment plant	/	160 mg/L
dimethyl ether	fresh water sediment	dry weight	0.681 mg/kg
dimethyl ether	marine water sediment	dry weight	0.069 mg/kg
dimethyl ether	soil	dry weight	0.045 mg/kg
butanone	fresh water	/	mg/L
butanone	marine water	/	mg/L
butanone	water treatment plant	/	mg/L
butanone	marine water sediment	/	mg/kg
butanone	fresh water sediment	/	mg/kg
butanone	soil	/	mg/kg
butanone	food chain	food	mg/kg
n-butyl acetate	fresh water	/	0.18 mg/L
n-butyl acetate	water, intermittent release	/	0.36 mg/L
n-butyl acetate	marine water	/	0.018 mg/L
n-butyl acetate	water treatment plant	/	35.6 mg/L
n-butyl acetate	fresh water sediment	dry weight	0.981 mg/kg
n-butyl acetate	marine water sediment	dry weight	0.098 mg/kg
n-butyl acetate	soil	dry weight	0.09 mg/kg
2-methoxy-1-methylethyl acetate	fresh water	/	0.635 mg/L
2-methoxy-1-methylethyl acetate	water, intermittent release	/	6.35 mg/L
2-methoxy-1-methylethyl acetate	marine water	/	0.064 mg/L
2-methoxy-1-methylethyl acetate	water treatment plant	/	100 mg/L
2-methoxy-1-methylethyl acetate	fresh water sediment	dry weight	3.29 mg/kg
2-methoxy-1-methylethyl acetate	marine water sediment	dry weight	0.329 mg/kg
2-methoxy-1-methylethyl acetate	soil	dry weight	0.29 mg/kg

8.2 Exposure controls

Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

Personal protective equipment

Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

Hand protection

Protective gloves (EN 374). In case of prolonged exposure, wear protective gloves (BS EN ISO 374).

Appropriate materials

Skin protection

Cotton protective clothing and shoes that cover the entire foot (BS EN ISO 20345:2022).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

Thermal hazards

No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure

No information.

Instruction measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

No information.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

liquid - aerosol

Colour

white

Odour

characteristic

Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	-24.8 °C
Flammability	No information.
Lower and upper explosion limit	1.5 vol % 18.6 vol %
Flash point	-42 °C
Auto-ignition temperature	235 °C
Decomposition temperature	No information.
pH	No information.
Viscosity	No information.
Solubility	No information.
Partition coefficient	No information.
Vapour pressure	5200 hPa at 20 °C
Density and/or relative density	Density: 0.888 g/cm^3
Relative vapour density	No information.

Particle characteristics	No information.

9.2 OTHER INFORMATION

Solids content	38.8 %
Weight organic solvents	75.1 %
Explosive properties	No information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information.

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

No information.

10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

10.5 Incompatible materials

No information.

10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

SECTION 11: TOXICOLOGICAL INFORMATION

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

(a) Acute toxicity

For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
dimethyl ether	Inhalation (gases)	LC_{50}	rat	4 h	309 mg/l	/	/
butanone	dermal	LD_{50}	rabbit	/	6480 mg/kg	/	/
butanone	oral	LD_{50}	rat	/	2737 mg/kg	/	/
butanone	inhalation	LC_{50}	rat	4 h	34 mg/l	/	vapour
acetone	oral	LD_{50}	rat	/	5800 mg/kg	/	/
acetone	dermal	LD_{50}	rabbit	/	20000 mg/kg	/	/
n-butyl acetate	dermal	LD_{50}	rabbit	/	5000 mg/kg	/	/

n-butyl acetate	inhalation	LC_{50}	rat	4 h	9.6 - 29.2 mg/l	/	dust/aerosol
n-butyl acetate	oral	LD_{50}	rat	/	4700 mg/kg	/	/
trizinc bis(orthophosphate)	oral	LD_{50}	rat	/	> 5000 mg/kg	Wistar Wistar	/
trizinc bis(orthophosphate)	inhalation	LC_{50}	rat	4 h	> 5.7 mg/l	/	/
2-methoxy-1-methylethyl acetate	oral	LD_{50}	rat	/	8530 mg/kg	/	/
2-methoxy-1-methylethyl acetate	inhalation	LC_{50}	rat	4 h	35.7 mg/l	/	vapour
2-methoxy-1-methylethyl acetate	dermal	LD_{50}	rat	/	5000 mg/kg	/	/
fatty acids, C18-unsatd., trimers, compds. with oleylamine	oral	LD_{50}	rat (female)	/	> 2000 mg/kg	OECD 423	/

(b) Skin corrosion/irritation

For components

Name	Species	Time	result	Method	Remark
dimethyl ether	/	/	May cause frostbite.	/	/
butanone	/	/	Irritating.	/	/

(c) Serious eye damage/irritation

For components

Name	Exposure route	Species	Time	result	Method	Remark
butanone	/	/	/	Irritating.	/	/
2-methoxy-1-methylethyl acetate	/	/	/	May cause irritation.	/	/
fatty acids, C18-unsatd., trimers, compds. with oleylamine	/	rabbit	/	*Translation required (56122)*	OECD 405	/

(d) Respiratory or skin sensitisation

For components

Name	Exposure route	Species	Time	result	Method	Remark
butanone	dermal	guinea pig	/	Non sensitising.	Maximisation test	/

(e) (Germ cell) mutagenicity

For components

Name	Type	Species	Time	result	Method	Remark
dimethyl ether	/	/	/	The chemical is not classified as mutagenic.	/	/
dimethyl ether	in-vitro mutagenicity	/	/	Negative.	OECD 471	Ames test
dimethyl ether	in-vitro mutagenicity	Human (lymphocytes)	/	Negative.	cytogenetic test	OECD 473
dimethyl ether	in-vivo mutagenicity	*Drosophila melanogaster*	/	Negative.	OECD 477	/
butanone	/	Bacteria	/	Negative with metabolic activation, negative without metabolic activation.	OECD 471 (EU B. 12/13)	/

(f) Carcinogenicity

For components

Name	Exposure route	Type	Species	Time	value	result	Method	Remark
dimethyl ether	/	/	/	/	/	Substance is not classified as carcinogenic.	/	/
dimethyl ether	inhalation (vapours)	NOAEL	rat	2 years	47 mg/l	Animal testing did not show any carcinogenic effects.	OECD 453	/
butanone	/	/	/	/	/	negative	/	/

(g) Reproductive toxicity

For components

Name	Reproductive toxicity type	Type	Species	Time	value	result	Method	Remark
dimethyl ether	Reproductive toxicity	inhalation	rat	/	47 mg/L	Animal testing did not show any effects on fertility.	OECD 452	/
dimethyl ether	Maternal toxicity	NOAEL	rat	/	5000 ppm	/	/	Inhalation
dimethyl ether	Teratogenicity	NOAEL	rat	/	40000 ppm	/	/	Inhalation
dimethyl ether	Developmental toxicity	NOAEL	rat	/	40000 ppm	/	/	Inhalation
dimethyl ether	-	NOAEL	rat	/	20000 ppm	/	OECD 414	inhalation (vapor), embryo-fetal development
butanone	Developmental toxicity	NOAEC	rat	18 days	1002 ppm	No effect	OECD 414	7 h/day, experimental value
butanone	Developmental toxicity	LOAEC	rat	18 days	3000 ppm	Decrease in body weight	OECD 414	7 h/day, experimental value

Summary of evaluation of the CMR properties

No information.

(h) STOT-single exposure

No information.

(i) STOT-repeated exposure

For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remark
dimethyl ether	Repeated dose toxicity	NOEL	rat	2 years	/	/	47 mg/L	/	OECD 452	inhalation
butanone	inhalation	LOAEL	rat	90 days	/	/	5000 ppm	/	/	6 h per day, 5 days per week
butanone	inhalation	NOAEL	rat	90 days	/	/	2500 ppm	/	/	6 h per day, 5 days per week

(j) Aspiration hazard

For components

Name	result	Method	Remark
dimethyl ether	Aspiration hazard: Not Classified.	/	/

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards

Endocrine disrupting properties

No information.

Other information

No information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
dimethyl ether	LC_{50}	4.1 mg/L	96 h	fish	*Poecilia reticulata*	/	Semi-Static system
dimethyl ether	EC_{50}	4.4 mg/L	48 h	crustacea	*Daphnia magna*	/	static test
dimethyl ether	LC_{50}	755.5 mg/L	48 h	*Daphnia*	/	ECOSAR	/
dimethyl ether	EC_{50}	154.9 mg/L	96 h	algae	/	ECOSAR	/
dimethyl ether	EC_{10}	> 1600 mg/L	/	bacteria	*Pseudomonas putida*	/	static test
n-butyl acetate	LC_{50}	18 mg/L	96 h	fish	/	/	/
n-butyl acetate	EC_{50}	44 mg/L	48 h	crustacea	/	/	/
n-butyl acetate	EC_{50}	675 mg/L	72 h	algae	/	/	/
trizinc bis(orthophosphate)	LC_{50}	0.78 mg/L	96 h	fish	*Pimephales promelas*	/	/
trizinc bis(orthophosphate)	EC_{50}	0.86 mg/L	48 h	crustacea	*Daphnia magna*	/	/
2-methoxy-1-methylethyl acetate	LC_{50}	100 mg/L	96 h	fish	*Oncorhynchus mykiss*	/	/
2-methoxy-1-methylethyl acetate	EC_{50}	500 mg/L	48 h	crustacea	/	/	/

Chronic (long-term) toxicity

No information.

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

For components

Name	Type	Rate	Time	Evaluation	Method	Remark
dimethyl ether	aerobic	5 %	28 days	not readily biodegradable	OECD 301 D	activated sludge
trizinc bis(orthophosphate)	Water solubility	2.7 mg/L	/	/	/	/

12.3 Bioaccumulative potential

Partition coefficient

No information.

Bioconcentration factor (BCF)

For components

Name	Species	organism	value	Duration	Evaluation	Method	Remark
2-methoxy-1-methylethyl acetate	organism	/	0.43	/	/	/	/

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

For components

Name	Type	Criterion	value	Evaluation	Method	Remark
dimethyl ether	Soil	/	/	Moderate mobility in soil.	/	/

12.5 Results of PBT and vPvB assessment

No evaluation.

12.6 Endocrine disrupting properties

No information.

12.7 Other adverse effects

No information.

12.8 Additional information

For components

dimethyl ether

Bioaccumulation is not expected. This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

2-methoxy-1-methylethyl acetate

Water hazard class 1 (Self-assessment): slightly hazardous for water

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW

No information.

Packaging

Deliver completely emptied containers to approved waste disposal authorities.

Waste codes / waste designations according to LoW

No information.

Waste treatment-relevant information
No information.

Sewage disposal-relevant information
No information.

Other disposal recommendations
No information.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
UN 1950	UN 1950	UN 1950	UN 1950
14.2 UN proper shipping name			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
14.3 Transport hazard class(es)			
2	2	2	2
			
14.4 Packing group			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.5 Environmental hazards			
YES	Marine pollutant	YES	YES
14.6 Special precautions for user			
Limited quantities 1 L Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2 Transport category 2 Tunnel restriction code (D)	Limited quantities 1 L EmS F-D, S-U Flash point -42 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y203 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 203 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 kg Special provisions A145, A167, A802	Limited quantities 1 L
14.7 Maritime transport in bulk according to IMO instruments			
	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)
not applicable

Ingredients according to Regulation (EC) No 648/2004 on detergents
No information.

Special instructions
No information.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Indication of changes
8.2 Exposure controls

Key literature references and sources for data
No information.

Abbreviations and acronyms
ATE - Acute Toxicity Estimate
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardisation
C&L - Classification and Labelling
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS# - Chemical Abstracts Service number
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSA - Chemical Safety Assessment
CSR - Chemical Safety Report
DMEL - Derived Minimal Effect Level
DNEL - Derived No Effect Level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream User
EC - European Community
ECHA - European Chemicals Agency
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community
EINECS - European Inventory of Existing Commercial Substances
ELINCS - European List of notified Chemical Substances
EN - European Standard
EQS - Environmental Quality Standard
EU - European Union
Euphrac - European Phrase Catalogue
EWC - European Waste Catalogue (replaced by LoW – see below)
GES - Generic Exposure Scenario
GHS - Globally Harmonized System
IATA - International Air Transport Association
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG - International Maritime Dangerous Goods

IMSBC - International Maritime Solid Bulk Cargoes
IT - Information Technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union for Pure Applied Chemistry
JRC - Joint Research Centre
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LE - Legal Entity
LoW - List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)
LR - Lead Registrant
M/I - Manufacturer / Importer
MS - Member States
MSDS - Material Safety Data Sheet
OC - Operational Conditions
OECD - Organization for Economic Co-operation and Development
OEL - Occupational Exposure Limit
OJ - Official Journal
OR - Only Representative
OSHA - European Agency for Safety and Health at work
PBT - Persistent, Bioaccumulative and Toxic substance
PEC - Predicted Effect Concentration
PNEC(s) - Predicted No Effect Concentration(s)
PPE - Personal Protection Equipment
(Q)SAR - Qualitative Structure Activity Relationship
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP - REACH Implementation Project
RMM - Risk Management Measure
SCBA - Self-Contained Breathing Apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum
SME - Small and Medium sized Enterprises
STOT - Specific Target Organ Toxicity
(STOT) RE - Repeated Exposure
(STOT) SE - Single Exposure
SVHC - Substances of Very High Concern
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.