

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

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

1.1 Product identifier

Trade name : 522-322 1L MATTING AGENT 1L Metal can 522-322 1L
MATTING AGENT 1L Metal can

Product code : 000000000050794638

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

Use of the : Spraying
Substance/Mixture : Coatings and related products

1.3 Details of the supplier of the safety data sheet

Company:

BASF Coatings GmbH
Postfach 6123
48136 Münster
Deutschland

Contact address:

BASF plc
4th and 5th Floors, 2 Stockport Exchange
Railway Road, Stockport, SK1 3GG
United Kingdom

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

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Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Telephone: +44 161 475 3000
E-mail address: product-safety-uk-and-ireland@basf.com

1.4 Emergency telephone

International emergency number:
Telephone: +49 180 2273-112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable liquids, Category 3	H226: Flammable liquid and vapor.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single exposure, Category 3, Central	H336: May cause drowsiness or dizziness.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



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522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

nervous system

Specific target organ toxicity -
repeated exposure, Category 2

H373: May cause damage to organs through
prolonged or repeated exposure.

Aspiration hazard, Category 1

H304: May be fatal if swallowed and enters
airways.

Long-term (chronic) aquatic hazard,
Category 3

H412: Harmful to aquatic life with long lasting
effects.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI
2019/720, and UK SI 2020/1567)

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapor.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



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522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
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.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements

:

Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe mist or vapors.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



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522-322 1L MATTING AGENT 1L

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Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a
POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P370 + P378 In case of fire: Use dry sand, dry chemical
or alcohol-resistant foam to extinguish.

Hazardous ingredients which must be listed on the label:

n-Butyl acetate

xylene

bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

polyaminoamide salt

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

dibutyltin dilaurate

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

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Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : saturated polyester resin
cellulose ester
organic solvent

Components

Chemical name	CAS-No. EC-No. Index-No. Registration	Classification	Concentration (% w/w)

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L**Metal can**

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

	number		
n-Butyl acetate	123-86-4	Flam. Liq. 3; H226	>= 25 - < 50
	204-658-1	STOT SE 3; H336	
	607-025-00-1	(Central nervous system)	
	UK-20-9702550300-0-0000		
xylene	UK-20-0537843089-5-0000		>= 10 - < 12.5
	UK-20-9642318150-0-0000		
	1330-20-7	Flam. Liq. 3; H226	
	215-535-7	Acute Tox. 4; H332	
	601-022-00-9	Acute Tox. 4;	

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

	UK-20- 2749242067-7- 0000	H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319	
	UK-20- 9702550300-0- 0000	STOT SE 3; H335 (Respiratory system)	
	UK-20- 0537843089-5- 0000	STOT RE 2; H373 (Kidney, Liver, Central nervous system)	
	UK-20- 9642318150-0- 0000	Asp. Tox. 1; H304 Aquatic Chronic 3; H412	
1-methoxy-2-propylacetate	108-65-6 203-603-9 607-195-00-7	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous	>= 3 - < 5

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L**Metal can**

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

	UK-20- 9702550300-0- 0000 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	system)	
2-heptanone	110-43-0 203-767-1 606-024-00-3 UK-20- 0537843089-5- 0000	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H332 STOT SE 3; H336 (Central nervous system)	>= 2 - < 2.5

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

ethylbenzene	100-41-4 202-849-4 601-023-00-4 UK-20- 9702550300-0- 0000 UK-20- 0537843089-5- 0000	Flam. Liq. 2; H225 Acute Tox. 4; H332 STOT RE 2; H373 (Auditory system) Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 1 - < 2
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	41556-26-7 255-437-1 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	Skin Sens. 1A; H317 Repr. 2; H361f Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 2

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L**Metal can**

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

4-methylpentan-2-one	108-10-1 203-550-1 606-004-00-4 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	Flam. Liq. 2; H225 Acute Tox. 4; H332 Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT SE 3; H336 (Central nervous system)	>= 0.5 - < 1
polyaminoamide salt	162627-17-0 01-2119970640-38	Skin Sens. 1; H317	>= 0.5 - < 1
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	82919-37-7	Skin Sens. 1A; H317	>= 0.5 - < 1

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L**Metal can**

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

	280-060-4 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	Repr. 2; H361f Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
dibutyltin dilaurate	77-58-7 201-039-8 050-030-00-3 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	Eye Irrit. 2; H319 Skin Sens. 1; H317 Muta. 2; H341 Repr. 1B; H360FD STOT SE 1; H370 (thymus gland) STOT RE 1; H372 (Immune system)	>= 0.25 - < 0.3

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

		Aquatic Acute 1; H400	
		Aquatic Chronic 1; H410	
Substances with a workplace exposure limit :			
Silica gel, precipitated, crystalline free	112926-00-8 UK-20- 0537843089-5- 0000		>= 12.5 - < 15

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice : First aid personnel should pay attention to their own safety.
Immediately remove contaminated clothing.
In case of intoxication, call a poison control center or

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

physician for treatment advice, taking the packaging or the label of the product.

Symptoms of poisoning may occur even after several hours, continue medical observation for at least 48 hours after the accident.

Never give anything by mouth to an unconscious person.
Keep patient warm and at rest.

If inhaled : If breathed in, move person into fresh air.

Call a physician or poison control center immediately.

If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact : If symptoms persist, call a physician.

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Do NOT use solvents or thinners.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Call a physician immediately.

If easy to do, remove contact lens, if worn.

If swallowed : Do not induce vomiting due to aspiration hazard.

Keep at rest.

If symptoms persist, call a physician or Poison Control Center immediately.

Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

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Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

available in Section 2 and in the Toxicological
assessments available in Section 11.

Risks

: May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or
repeated exposure.

When inhaled (e.g. during vomiting) risk of pulmonary
oedema and/or pneumonia.

Risk of product entering the lungs on vomiting after
ingestion.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No known specific antidote.
Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray jet
Dry powder
Alcohol-resistant foam
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Fire will produce dense black smoke containing hazardous combustion products (see section 10).

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

5.3 Advice for firefighters

Special protective equipment for fire-fighters : Appropriate breathing apparatus may be required.

Further information : In the event of fire, cool tanks with water spray.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Collect contaminated fire extinguishing water separately.
This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid breathing vapours.

Keep away from sources of ignition.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Advice on product handling can be found in sections 7
and 8 of this safety data sheet.

For non-emergency personnel:

For emergency responders:

Use personal protective equipment.

Ensure adequate ventilation, especially in confined
areas.

6.2 Environmental precautions

Environmental precautions : Do not allow uncontrolled discharge of product into the
environment.

Avoid subsoil penetration.

If the product contaminates rivers and lakes or drains
inform respective authorities.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Ensure adequate ventilation.

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Provide good ventilation of working area (local exhaust ventilation if necessary).

Do not return residues to the storage containers.

Smoking, eating and drinking are forbidden in application area. For personal protection see section 8.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Comply with the health and safety at work laws.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

The workplace should be equipped with an emergency shower and eye-rinsing facility.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and safety practice.

Do not breathe vapors or spray mist.

Advice on protection : Avoid all sources of ignition: heat, sparks, open flame.
against fire and explosion : Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

operators should wear antistatic clothing and footwear.
The relevant fire protection measures should be noted.
Use explosion-proof equipment. Vapors are heavier than
air and may spread along floors. Vapors may form
explosive mixtures with air.

Hygiene measures : Remove contaminated clothing immediately and dispose
of safely. Wash hands before breaks and at the end of
workday. Keep away from food, drink and animal
feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions : Keep away from heat. Avoid direct sunlight. Close
containers carefully once opened and store them
upright in order to prevent any leakage. No smoking. No
admission for unauthorised personnel. Always keep in
containers of same material as the original one. Observe
label precautions. Store protected against freezing. Keep
in a dry, cool and well-ventilated place.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Advice on common storage : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Recommended storage : 5.00 - 35.00 °C
temperature

Packaging material : Suitable material: Polypropylene, Carbon steel (Iron),
tinned carbon steel (Tinplate),
Polyethyleneterephthalate (PET), Low density
polyethylene (LDPE), High density polyethylene (HDPE),
Stove-lacquer C222A/C221A, Standard interior paint,
Stove-lacquer Vitalure 745, Stove-lacquer Valspar
HXR008F red, Stove-lacquer KNS L-5X, Stove-lacquer
EHD0022, Stove-lacquer 79/14/3 (Müller/CH), Stove-
lacquer R 78433, Stove-lacquer RDL 50

7.3 Specific end use(s)

Specific use(s) : Please refer to the technical leaflet for further

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
n-Butyl acetate	123-86-4	TWA	150 ppm 724 mg/m ³	GB EH40
		STEL	200 ppm 966 mg/m ³	GB EH40
		STEL	150 ppm 723 mg/m ³	2019/1831/ EU
Further information: Indicative				

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

		TWA	50 ppm 241 mg/m3	2019/1831/ EU
	Further information: Indicative			
Silica gel, precipitated, crystalline free	112926-00- 8	TWA (inhalable dust)	6 mg/m3 (Silica)	GB EH40
		TWA (Respirable dust)	2.4 mg/m3 (Silica)	GB EH40
xylene	1330-20-7	TWA	50 ppm 220 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	100 ppm 441 mg/m3	GB EH40

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	50 ppm 221 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	100 ppm 442 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
1-methoxy-2-propylacetate	108-65-6	TWA	50 ppm 274 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

		STEL	100 ppm 548 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	100 ppm 550 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		TWA	50 ppm 275 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
2-heptanone	110-43-0	STEL	100 ppm 475 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned			

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

	substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	50 ppm 237 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	50 ppm 238 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	100 ppm 475 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
ethylbenzene	100-41-4	TWA	100 ppm	GB EH40

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

			441 mg/m3	
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	125 ppm 552 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	100 ppm 442 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	200 ppm 884 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake			

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

	through the skin, Indicative			
4-methylpentan-2-one	108-10-1	STEL	100 ppm 416 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	50 ppm 208 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	20 ppm 83 mg/m3	2000/39/EC
	Further information: Indicative			
		STEL	50 ppm	2000/39/EC

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

			208 mg/m3	
	Further information: Indicative			
dibutyltin dilaurate	77-58-7	TWA	0.1 mg/m3 (Tin)	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	0.2 mg/m3 (Tin)	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
xylene	1330-20-7	methyl hippuric acid: 650	After shift	GB EH40

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

		Millimoles per mole creatinine (Urine)		BAT
4-methylpentan-2-one	108-10-1	4-methylpentan- 2-one: 20 micromol per litre (Urine)	After shift	GB EH40 BAT

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Required when there is a risk of eye contact.

Hand protection

Remarks : Wear protective gloves. Any chemical protection glove

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

certified according to EN ISO 374-1 is suitable: e.g.
nitrile gloves - material thickness: 0,35 mm Further
information on penetration time is available from the
manufacturer of the glove. Data are based on
information from the glove manufacturer, the raw
material manufacturer or according to specifics of the
product components. The suitability for a specific
workplace should be discussed with the producers of
the protective gloves. Request information on glove
permeation properties from the glove supplier. Gloves
should be discarded and replaced if there is any
indication of degradation or chemical breakthrough.
Preventive skin protection Suitable materials for short-
term contact (recommended: At least protective index
2, corresponding > 30 minutes of permeation time
according to EN ISO 374-1) Suitable materials also with
prolonged, direct contact (Recommended: Protective
index 6, corresponding > 480 minutes of permeation
time according to EN ISO 374-1): Suitable materials
against splashes (recommended: At least protective
index 1, corresponding > 10 minutes of permeation

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

time according to EN ISO 374-1)

Skin and body protection : Anti-static protective clothing

Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant synthetic fibres.

Respiratory protection : Suitable respiratory equipment:

half-mask with A1P2 class combination filter

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Protective measures : Do not breathe vapour/spray.

Eye wash fountains and safety showers must be easily accessible.

If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits,

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

appropriate certified respirators must be worn.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and
safety practice.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Color	:	white
Odor	:	hydrocarbon-like
pH	:	substance/mixture is non-polar/aprotic
Melting point/ range	:	not determined
Boiling point/boiling range	:	123.00 °C
Flash point	:	27 °C
		Method: ISO 3679
Evaporation rate	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Lower explosion limit / Lower
flammability limit : > 35.0 g/m³

Vapor pressure : 11.0000 hPa (20 °C)
55.0000 hPa (50 °C)

Relative vapor density : Heavier than air.

Density : 0.983 g/cm³ (20 °C)

Solubility(ies)

Water solubility : not determined

Partition coefficient: n-
octanol/water : not applicable for mixtures

Autoignition temperature : > 200 °C

Decomposition temperature : No decomposition if stored and handled as
prescribed/indicated.

Viscosity

Viscosity, kinematic : 418.6 mm²/s (23 °C)
not determined (40 °C)

Flow time : > 61 s at 23 °C

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Cross section: 6 mm
Method: ISO 2431

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

9.2 Other information

Flammability (liquids) : Flammable liquid and vapour.

Self-heating substances : The substance or mixture is not classified as self heating.

Metal corrosion rate : Not corrosive to metals.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form ignitable mixture with air.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

10.4 Conditions to avoid

Conditions to avoid : Avoid direct sunlight.
Protect from frost.
Heat, flames and sparks.
Heat.

10.5 Incompatible materials

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Components:

2-heptanone:

Acute oral toxicity : LD50 (Rat): 1,600 mg/kg

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Acute inhalation toxicity : LC50 (Rat): 16.7 mg/l
Exposure time: 4 h

Test atmosphere: vapor

Skin corrosion/irritation

Causes skin irritation.

Components:

n-Butyl acetate:

Result : Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

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

Germ cell mutagenicity

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

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Components:

n-Butyl acetate:

Partition coefficient: n-	:	Pow: 200 (25 °C)
octanol/water		log Pow: 2.3 (25 °C)

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

pH: 7

Method: OECD Test Guideline 117

GLP: yes

xylene:

Partition coefficient: n- : log Pow: 3.12 - 3.20 (25 °C)
octanol/water

GLP: no

Remarks: Information taken from reference works and
the literature.

1-methoxy-2-propylacetate:

Partition coefficient: n- : log Pow: 1.2 (20 °C)
octanol/water

pH: 6.8

Method: OECD Test Guideline 117

GLP: yes

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

2-heptanone:

Partition coefficient: n- : log Pow: 2.26 (30 °C)

octanol/water

pH: 7

Method: Regulation (EC) No. 440/2008, Annex, A.8

GLP: yes

ethylbenzene:

Partition coefficient: n- : Pow: 4,170 (20 °C)

octanol/water

log Pow: 3.6 (20 °C)

pH: 7.8

GLP: yes

bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:

Partition coefficient: n- : Remarks: No data available

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

octanol/water

4-methylpentan-2-one:

Partition coefficient: n-
octanol/water

: Pow: 79 (20 °C)

log Pow: 1.9 (20 °C)

pH: 6.7

Method: OECD Test Guideline 117

GLP: no

polyaminoamide salt:

Partition coefficient: n-
octanol/water

: log Pow: > 5.5 (20 °C)

Method: Regulation (EC) No. 440/2008, Annex, A.8

GLP: no

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:

Partition coefficient: n-

: Remarks: No data available

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

octanol/water

dibutyltin dilaurate:

Partition coefficient: n- : Pow: 27,700 (20.8 °C)

octanol/water

log Pow: 4.44 (20.8 °C)

pH: 6.1 - 6.3

Method: OECD Test Guideline 107

GLP: yes

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

12.6 Other adverse effects

Product:

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not discharge into drains/surface waters/groundwater.

Observe national and local legal requirements.

Contaminated packaging : Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC

Packaging that is not properly emptied must be disposed of as the unused product.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

SECTION 14: Transport information

14.1 UN number

ADN : UN 1263

ADR : UN 1263

RID : UN 1263

IMDG : UN 1263

IATA : UN 1263

14.2 UN proper shipping name

ADN : PAINT

ADR : PAINT

RID : PAINT

IMDG : PAINT

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

IATA : PAINT

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	: 3	
ADR	: 3	
RID	: 3	
IMDG	: 3	
IATA	: 3	

14.4 Packing group

ADN

Packing group	: III
Classification Code	: F1
Hazard Identification	: 30

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Number

Labels : 3

ADR

Packing group : III

Classification Code : F1

Hazard Identification
Number : 30

Labels : 3

Tunnel restriction code : (D/E)

RID

Packing group : III

Classification Code : F1

Hazard Identification
Number : 30

Labels : 3

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

IMDG

Packing group	: III
Labels	: 3
EmS Code	: F-E, <u>S-E</u>

IATA (Cargo)

Packing instruction (cargo aircraft)	: 366
Packing instruction (LQ)	: Y344
Packing group	: III
Labels	: Flammable Liquids

IATA (Passenger)

Packing instruction (passenger aircraft)	: 355
Packing instruction (LQ)	: Y344

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Packing group : III

Labels : Flammable liquid

14.5 Environmental hazards

ADN

Environmentally : no
hazardous

ADR

Environmentally : no
hazardous

RID

Environmentally : no
hazardous

IMDG

Marine pollutant : no

14.6 Special precautions for user

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Remarks : ADR: Packages smaller than or equal to 450 liters, not
goods/merchandise of Class 3

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Conditions of restriction for the
following entries should be
considered:

Number on list 72, 3, 20

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Number on list 3

Number on list 30, 20

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation : Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) : Not applicable

Regulation (EC) on substances that deplete the ozone layer : Not applicable

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

P5c

Control of Major Accident Hazards
Regulations 2015 (COMAH)

P5c FLAMMABLE LIQUIDS

Volatile organic compounds : Volatile organic compounds (VOC) content: 686 g/l

Directive 2010/75/EU of 24 November 2010 on
industrial emissions (integrated pollution prevention and
control)

Volatile organic compounds (VOC) content: 68.76 %

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999
(requirements relating to new and expectant mothers at work contained in Regulation
16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

Take note of The Management of Health and Safety at Work Regulations 1999
(requirements relating to protection of young people at work contained in Regulation
19) and of Directive 94/33/EC on the protection of young people at work.

Details relating to the VOC Directive 2004/42/EC:

Subcategory as indicated in Annex IIB:

dropped

Limit value for maximum VOC content as specified in Annex IIB:

dropped

15.2 Chemical Safety Assessment

Assessment of safe use has been performed for the mixture and the result is documented in
section 7 and 8 of the SDS

SECTION 16: Other information

Full text of H-Statements

H225	: Highly flammable liquid and vapor.
H226	: Flammable liquid and vapor.
H302	: Harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H312	: Harmful in contact with skin.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H319	: Causes serious eye irritation.
H332	: Harmful if inhaled.
H335	: May cause respiratory irritation.

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

H336	: May cause drowsiness or dizziness.
H341	: Suspected of causing genetic defects.
H351	: Suspected of causing cancer.
H360FD	: May damage fertility. May damage the unborn child.
H361f	: Suspected of damaging fertility.
H370	: Causes damage to organs.
H372	: Causes damage to organs through prolonged or repeated exposure.
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.
H412	: Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard
Carc.	: Carcinogenicity
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Muta.	: Germ cell mutagenicity
Repr.	: Reproductive toxicity
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitization
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2019/1831/EU	:	Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 BAT	:	UK. Biological monitoring guidance values
2000/39/EC / TWA	:	Limit Value - eight hours
2000/39/EC / STEL	:	Short term exposure limit
2019/1831/EU / TWA	:	Limit Value - eight hours
2019/1831/EU / STEL	:	Short term exposure limit
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



We create chemistry

522-322 1L MATTING AGENT 1L

Metal can

Version	Revision Date:	SDS Number:	Date of last issue: 25.11.2024
3.0	14.04.2025	000000000050794 638	Date of first issue: 05.09.2024

test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : For multi-pack systems observe material safety data sheets of all components.
Restricted to professional users.

Classification of the mixture:

Flam. Liq. 3	H226
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
STOT SE 3	H336
STOT RE 2	H373

Classification procedure:

Based on product data or assessment
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

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Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 3	H412	Calculation method

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