

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

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

1.1 Product identifier

Trade name : FT9194250026 Glassohyd Petroltank black 25KG Steel drums
Product code : 000000000053122260

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

Use of the Sub- : Spraying
stance/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

Telephone: +44 161 475 3000
E-mail address: product-safety-coatings@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)

Long-term (chronic) aquatic hazard, Category 2 H411: Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

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



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FT9194250026 Glassohyd Petroltank black 25KG Steel drums

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3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

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 :



Hazard Statements : H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements :

Prevention:

P273 Avoid release to the environment.

Response:

P391 Collect spillage.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Additional Labeling

EUH208 Contains neodecanoic acid, cobalt salt, 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

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 : fillers
Synthetic rubber derivative
Aldehyde/ketone resin
organic solvent
pigment

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version 3.0 Revision Date: 16.12.2025 SDS Number: 0000000000531222 Date of last issue: 07.06.2025
Date of first issue: 14.08.2024
60

Water
Alkyd resin
polyether

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
zinc phosphate	7779-90-0 231-944-3 030-011-00-6 UK-20-9702550300-0-0000 UK-20-0537843089-5-0000 UK-20-9642318150-0-0000	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 <hr/> M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	$\geq 3 - < 5$
2-butoxyethanol	111-76-2 203-905-0 603-014-00-0 UK-20-9702550300-0-0000 UK-20-0537843089-5-0000 UK-20-9642318150-0-0000	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319	$\geq 1 - < 2$
ammonia	7664-41-7 231-635-3 007-001-00-5 UK-20-9702550300-0-0000 UK-20-0537843089-5-0000	Flam. Gas 2; H221 Press. Gas Liquefied gas; H280 Acute Tox. 3; H331 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	$\geq 0.25 - < 0.3$
Neodecanoic acid cobalt salt	27253-31-2 248-373-0 01-2119970733-31	Acute Tox. 4; H302 Skin Sens. 1; H317 STOT RE 1; H372 Aquatic Chronic 3; H412	$\geq 0.1 - < 0.2$

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version 3.0 Revision Date: 16.12.2025 SDS Number: 0000000000531222 Date of last issue: 07.06.2025
Date of first issue: 14.08.2024
60

1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 UK-20-9702550300-0-0000 UK-20-0537843089-5-0000	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 specific concentra- tion limit Skin Sens. 1; H317 >= 0.036 %	>= 0.025 - < 0.036
mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 613-167-00-5 UK-20-9702550300-0-0000	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 specific concentra- tion limit Skin Corr. 1C; H314 >= 0.6 % Skin Irrit. 2; H315 0.06 - < 0.6 % Eye Irrit. 2; H319 0.06 - < 0.6 %	>= 0.0002 - < 0.0015

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version 3.0 Revision Date: 16.12.2025 SDS Number: 0000000000531222 Date of last issue: 07.06.2025
Date of first issue: 14.08.2024
60

		Skin Sens. 1A; H317 >= 0.0015 % Eye Dam. 1; H318 >= 0.6 %	
Substances with a workplace exposure limit :			
Kaolin	1332-58-7 310-194-1		>= 10 - < 12.5
Triiron tetraoxide	1317-61-9 215-277-5 UK-20-9702550300-0-0000 UK-20-0537843089-5-0000 UK-20-9642318150-0-0000		>= 7 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

- General advice : In all cases of doubt, or when symptoms persist, seek medical attention.
Move out of dangerous area.
Never give anything by mouth to an unconscious person.
Immediately remove contaminated clothing.
If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).
First aid personnel should pay attention to their own safety.
- If inhaled : If breathed in, move person into fresh air.
If breathing is irregular or stopped, administer artificial respiration.
If symptoms persist, call a physician.
- In case of skin contact : Do NOT use solvents or thinners.
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
If symptoms persist, call a physician.

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

In case of eye contact	:	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
If swallowed	:	Rinse mouth. Do NOT induce vomiting. If symptoms persist, call a physician.

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 available in Section 2 and in the Toxicological assessments available in Section 11.
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment	:	Treat symptomatically. No known specific antidote.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Dry powder Carbon dioxide (CO ₂) Water spray Foam
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).
Hazardous combustion products	:	Oxides of phosphorus

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

5.3 Advice for firefighters

- Special protective equipment for fire-fighters : Appropriate breathing apparatus may be required.
- Further information : Cool containers/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.
For non-emergency personnel:
Use personal protective equipment.
Ensure adequate ventilation, especially in confined areas.
Keep away from sources of ignition.
For emergency responders:
Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

6.2 Environmental precautions

- Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.
Avoid subsoil penetration.
Do not allow uncontrolled discharge of product into the environment.

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : 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).
Ensure adequate ventilation.

6.4 Reference to other sections

For disposal considerations see section 13.

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : 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.
Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.
Do not return residues to the storage containers.
Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with the skin, eyes and clothing.
Provide good ventilation of working area (local exhaust ventilation if necessary).
The workplace should be equipped with an emergency shower and eye-rinsing facility.
Do not breathe vapors or spray mist.
- Advice on protection against fire and explosion : The relevant fire protection measures should be noted. Avoid all sources of ignition: heat, sparks, open flame.
- Hygiene measures : Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Remove contaminated clothing immediately and dispose of safely.

7.2 Conditions for safe storage, including any incompatibilities

- Further information on storage conditions : 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. Keep in a dry, cool and well-ventilated place.
- Advice on common storage : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version 3.0 Revision Date: 16.12.2025 SDS Number: 0000000000531222 Date of last issue: 07.06.2025
Date of first issue: 14.08.2024
60

Packaging material : Suitable material: Polypropylene, Polyethylenetherephtalate (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 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
Kaolin	1332-58-7	TWA (Respirable dust)	2 mg/m ³	GB EH40
Triiron tetraoxide	1317-61-9	TWA (Fumes)	5 mg/m ³ (Iron)	GB EH40
		STEL (Fumes)	10 mg/m ³ (Iron)	GB EH40
2-butoxyethanol	111-76-2	TWA	25 ppm 123 mg/m ³	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	50 ppm 246 mg/m ³	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 98 mg/m ³	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	50 ppm 246 mg/m ³	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
ammonia	7664-41-7	TWA	25 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

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version 3.0 Revision Date: 16.12.2025 SDS Number: 0000000000531222 Date of last issue: 07.06.2025
Date of first issue: 14.08.2024
60

			18 mg/m ³	
		STEL	35 ppm 25 mg/m ³	GB EH40
		STEL	50 ppm 36 mg/m ³	2000/39/EC
Further information: Indicative				
		TWA	20 ppm 14 mg/m ³	2000/39/EC
Further information: Indicative				
Neodecanoic acid cobalt salt	27253-31-2	TWA	0.1 mg/m ³ (Cobalt)	GB EH40
Further information: Capable of causing occupational asthma., Capable of causing cancer and/or heritable genetic damage.				

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
2-butoxyethanol	111-76-2	butoxyacetic acid: 240 Millimoles per mole creatinine (Urine)	After shift	GB EH40 BAT

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation.

Personal protective equipment

Eye/face protection : Required when there is a risk of eye contact.
Safety glasses with side-shields conforming to EN166

Hand protection

Remarks : Processes should be designed in such a way, that only disposable gloves against splashes are required, e.g. nitrile or neoprene gloves.
In case of regular or extensive contact, a protection glove certified according to EN ISO 374-1 and made of butyl rubber (material thickness 0.5 mm) or nitrile rubber (material thickness 0,35 mm) or fluorinated rubber (material thickness 0,5 mm) is recommended.
Suitable materials against splashes (recommended: At least protective index 1, corresponding > 10 minutes of permeation time according to EN ISO 374-1)

Skin and body protection : chemical-resistant disposable coveralls

Respiratory protection : Suitable respiratory equipment:

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

Protective measures : half-mask with A1P2 class combination filter
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

: 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, 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	: black
Odor	: of glycol
pH	: > 8.0
Melting point/freezing point	: not determined
Boiling point/boiling range	: not determined
Flash point	: > 99 °C Method: ISO 3679
Upper explosion limit / Upper flammability limit	: not determined
Lower explosion limit / Lower flammability limit	: > 35.0 g/m ³
Vapor pressure	: not determined (20 °C) not determined (50 °C)
Relative vapor density	: Lighter than air.

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222	Date of first issue: 14.08.2024

60

Density	:	1.200 g/cm ³ (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	:	269.0 mm ² /s (23 °C)
	:	not determined (40 °C)
Flow time	:	> 40 s at 23 °C
	:	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)	:	Does not sustain combustion.
Self-heating substances	:	The substance or mixture is not classified as self heating.
Metal corrosion rate	:	Not corrosive to metals.
Particle size	:	The substance / product is marketed or used in a non solid or granular form.

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.

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222	Date of first issue: 14.08.2024

60

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazardous reactions when stored and handled according to instructions.

10.4 Conditions to avoid

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

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.

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

Components:

2-butoxyethanol:

Acute oral toxicity : LD50 (guinea pig): 1,200 mg/kg

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity : LD50 (Rat, male and female): 490 mg/kg
Method: Acute Oral Toxicity
GLP: yes

Acute inhalation toxicity : Acute toxicity estimate: 0.21 mg/l

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

Test atmosphere: dust/mist
Method: Acute toxicity estimate according to Regulation (EC)
No. 1272/2008

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Acute inhalation toxicity : Assessment: Corrosive to the respiratory tract.

Skin corrosion/irritation

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

Serious eye damage/eye irritation

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

Respiratory or skin sensitization

Skin sensitization

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

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.

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

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

STOT-repeated exposure

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

Aspiration toxicity

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

SECTION 12: Ecological information

12.1 Toxicity

Components:

zinc phosphate:

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version 3.0 Revision Date: 16.12.2025 SDS Number: 0000000000531222 Date of last issue: 07.06.2025
Date of first issue: 14.08.2024
60

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Components:

2-butoxyethanol:

Partition coefficient: n-octanol/water : log Pow: 0.81 (25 °C)
GLP: no

ammonia:

Partition coefficient: n-octanol/water : log Pow: 0.23 (20 °C)

Neodecanoic acid cobalt salt:

Partition coefficient: n-octanol/water : Remarks: No data available

1,2-benzisothiazol-3(2H)-one:

Partition coefficient: n-octanol/water : log Pow: 0.7 (20 °C)
GLP: yes

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Partition coefficient: n-octanol/water : Pow: 0.326 - 2.519 (24 °C)
log Pow: -0.486 - 0.401 (24 °C)
Method: OECD Test Guideline 107
GLP: yes

Triiron tetraoxide:

Partition coefficient: n-octanol/water : Remarks: 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

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

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.

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) at levels of 0.1% or higher.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Observe national and local legal requirements.
Do not discharge into drains/surface waters/groundwater.

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

SECTION 14: Transport information

14.1 UN number

ADN : UN 3082
ADR : UN 3082
RID : UN 3082
IMDG : UN 3082
IATA : UN 3082

14.2 UN proper shipping name

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version 3.0 Revision Date: 16.12.2025 SDS Number: 0000000000531222 Date of last issue: 07.06.2025
Date of first issue: 14.08.2024
60

ADN : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
| (ZINC PHOSPHATE)
ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
| (ZINC PHOSPHATE)
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
| (ZINC PHOSPHATE)
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
| (ZINC PHOSPHATE)
IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
| (ZINC PHOSPHATE)

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	: 9	
ADR	: 9	
RID	: 9	
IMDG	: 9	
IATA	: 9	

14.4 Packing group

ADN
Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9

ADR
Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (-)

RID
Packing group : III
Classification Code : M6

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222	Date of first issue: 14.08.2024
		60	

Hazard Identification Number : 90
Labels : 9

IMDG

Packing group : III
Labels : 9
EmS Code : F-A, S-F

IATA (Cargo)

Packing instruction (cargo aircraft) : 964
Packing instruction (LQ) : Y964
Packing group : III
Labels : Miscellaneous dangerous goods

IATA (Passenger)

Packing instruction (passenger aircraft) : 964
Packing instruction (LQ) : Y964
Packing group : III
Labels : Miscellaneous dangerous goods

14.5 Environmental hazards

ADN

Environmentally hazardous : yes

ADR

Environmentally hazardous : yes

RID

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

IATA (Passenger)

Environmentally hazardous : yes

IATA (Cargo)

Environmentally hazardous : yes

14.6 Special precautions for user

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.

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

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 3

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)

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

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

Control of Major Accident Hazards Regulations 2015 (COMAH) E2 ENVIRONMENTAL HAZARDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)

Volatile organic compounds (VOC) content: 1.82 %

Volatile organic compounds (VOC) content: 47.40 g/l

VOC content excluding water

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.

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.

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

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

SECTION 16: Other information

Full text of H-Statements

H221	:	Flammable gas.
H280	:	Contains gas under pressure; may explode if heated.
H301	:	Toxic if swallowed.
H302	:	Harmful if swallowed.
H310	:	Fatal in contact with skin.
H314	:	Causes severe skin burns and eye damage.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H319	:	Causes serious eye irritation.
H330	:	Fatal if inhaled.
H331	:	Toxic if inhaled.
H332	:	Harmful if inhaled.
H372	:	Causes 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.
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
Eye Dam.	:	Serious eye damage
Eye Irrit.	:	Eye irritation
Flam. Gas	:	Flammable gases
Press. Gas	:	Gases under pressure
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitization
STOT RE	:	Specific target organ toxicity - repeated exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first 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
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)

SAFETY DATA SHEET

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



We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

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 Standardization; 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 Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a 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, Authorization 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:

Aquatic Chronic 2 H411

Classification procedure:

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guid-

SAFETY DATA SHEET

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We create chemistry

FT9194250026 Glassohyd Petroltank black 25KG Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 07.06.2025
3.0	16.12.2025	0000000000531222 60	Date of first issue: 14.08.2024

ance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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