

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: **Triflex Metal Primer 2.5 ltr**

Article-No.: 26200-025

Revision Date: 26.04.2021

Version: 7.0/en

Triflex

Replaces version from: 26.04.2021

Print date: 03.06.2021

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

1.1 Product identifier

Commercial Product Name **Triflex Metal Primer 2.5 ltr**

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

Relevant identified uses base coat

Recommended restrictions Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Company designation Triflex GmbH & Co. KG
Karlstrasse 59
D-32423 Minden
Telephone: +49 (0) 571 / 3 87 80 - 0
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Importer

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Tel: +41 62 842 98 22
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Triflex BV
Boerendanserdijk 35
NL-8024 AE Zwolle
Tel: +31 38 460 2050
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United Kingdom:
Triflex (UK) Ltd.
Whitebridge Way
GB - STONE, STAFFORDSHIRE ST15 8JS
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Österreich:
Triflex GesmbH
Gewerbepark 1
A-4880 St.Georgen im Attergau
Tel: +43 7667/21505
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Belgie:
Triflex BV/SRL
Diamantstraat 6c
B-2200 Herentals
Tel: +32 14 75 2550
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Responsible Department Environmental Department +49 (571) 9339-176

E-mail (competent person) sicherheitsdatenblatt@triflex.de

1.4 Emergency telephone number

Emergency telephone number Outside USA: -001 703 527 3887 (D814)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 Flam. Liq. 3; H226 STOT SE 3; H336 Aquatic Chronic 2; H411

2.2 Label elements

Hazard pictogram



GHS02



GHS07



GHS09

Signal word

Warning

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Hazardous component(s) to be indicated on label	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics , Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics , Hydrocarbons, C7-C9, isoalkanes
H-statement(s)	H226: Flammable liquid and vapour. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.
P-statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P273: Avoid release to the environment. P312: Call a POISON CENTER/doctor if you feel unwell. P391: Collect spillage.
Further information	EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical characterization base coat

Hazardous ingredients

Ingredient	Nummern	Classification (EC) 1272/2008	M- factor	Concentration
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC-No.: 919-857-5 REACH No.: 01-2119463258-33-XXXX	Flam. Liq. 3; H226 STOT SE 3; H336 Asp. Tox. 1; H304		20.0 - 25.0 % by weight
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC-No.: 927-241-2 REACH No.: 01-2119471843-32-XXXX	Flam. Liq. 3; H226 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 3; H412		20.0 - 25.0 % by weight
Titanium dioxide	CAS No.: 13463-67-7 EC-No.: 236-675-5 REACH No.: 01-2119489379-17-XXXX	This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].		15.0 - 20.0 % by weight
trizinc bis(orthophosphate)	CAS No.: 7779-90-0 EC-No.: 231-944-3 Index-No.: 030-011-00-6 REACH No.: 02-2119485044-40-XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410		1.0 - 5.0 % by weight
Hydrocarbons, C7-C9, isoalkanes	EC-No.: 292-458-5 REACH No.: 01-2119471305-42-XXXX	Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411		1.0 - 5.0 % by weight
1-methoxy-2-propanol	CAS No.: 107-98-2 EC-No.: 203-539-1 Index-No.: 603-064-00-3 REACH No.: 01-2119457435-35-XXXX	Flam. Liq. 3; H226 STOT SE 3; H336		1.0 - 2.5 % by weight
zinc oxide	CAS No.: 1314-13-2 EC-No.: 215-222-5 Index-No.: 030-013-00-7 REACH No.: 01-2119463881-32-XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 (M=1)	acute:1 chronic:1	0.1 - 1.0 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance.

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If inhaled	Move to fresh air. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
In case of skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, get medical advice/attention.
In case of eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO ₂), Foam, Water spray, Dry powder
Extinguishing media which must not be used for safety reasons	High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	Vapours may form explosive mixtures with air. Provide sufficient air exchange and/or exhaust in work rooms. Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Exposure to decomposition products may be a hazard to health.
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5.3 Advice for firefighters

Special protective equipment for fire-fighting	In the event of fire, wear self-contained breathing apparatus.
Additional information on firefighting	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind. Use personal protective equipment.
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6.2 Environmental precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
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6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly. Treat recovered material as described in the section "Disposal considerations".
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6.4 Reference to other sections

Reference to other sections	Disposal considerations See also section 13
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6.5 Additional information

Other information

Treat recovered material as described in the section "Disposal considerations".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Processing may lead to evolution of flammable volatiles. In case of insufficient ventilation, wear suitable respiratory equipment.
Handle and open container with care. Avoid contact with skin and eyes.

Precautions

Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Observe label precautions.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapours may form explosive mixture with air. Use water spray to cool unopened containers.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements

Storage must be in accordance with the BetrSichV (Germany). Keep in a cool, well-ventilated place. Keep in an area equipped with solvent resistant flooring. Keep in properly labelled containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

TRGS 510

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

! Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

! Great Britain			
Long-term exposure value/ ppm	Long-term exposure value/ mg/m ³	Remarks	Source
100 ppm	566 mg/m ³	8 hours	Company data

DNEL	Target group	Exposure route	Exposure frequency	Source
871 mg/m ³	Workers	Inhalation	Long term effects	Company data
208 mg/kg	Workers	dermal exposure	Long term effects	Company data
185 mg/m ³	Consumers	Inhalation	Long term effects	Company data
125 mg/kg	Consumers	Oral dermal exposure	Long term effects	Company data

! Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

! Great Britain			
Long-term exposure value/ ppm	Long-term exposure value/ mg/m ³	Remarks	Source
100 ppm	566 mg/m ³	8 hours	Company data

! Titanium dioxide

Great Britain		
Long-term exposure value/ mg/m ³	Remarks	Source
10	inhalable (total)	EH40/2005 Workplace exposure limits (2011)

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4	respirable	EH40/2005 Workplace exposure limits (2011)
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DNEL	Target group	Exposure route	Exposure frequency	Source
10 mg/m ³	Workers	Inhalation	Long term effects Local	Company data
700 mg/m ³	Consumers	Oral	Long term effects	Company data

PNEC	Exposure route	Source
0,127 mg/l	fresh water	Company data
0,127 mg/l	seawater	Company data
100 mg/l	STP	Company data
1000 mg/kg	Soil	Company data
100 mg/l	Soil marine water	Company data
100 mg/l	Soil	Company data

‡ trizinc bis(orthophosphate)

DNEL	Target group	Exposure route	Exposure frequency	Source
5 mg/m ³	Workers	Inhalation	Long term effects systemic	Annex1-29. ATP
83 mg/kg	Workers	dermal	Long term effects systemic	Annex1-29. ATP
2,5 mg/m ³	Consumers	Inhalation	Local effects systemic	Annex1-29. ATP
83 mg/kg	Consumers	dermal	Long term effects systemic	Annex1-29. ATP
0,83 mg/kg bw/d	Consumers	Oral	Long term effects systemic	Annex1-29. ATP

PNEC	Exposure route	Source
48,1 µg/l	fresh water	Annex1-29. ATP
14,2 µg/l	Marin	Annex1-29. ATP
550,2 mg/kg	freshwater sediment	Annex1-29. ATP
263,9 mg/kg	marine sediment	Annex1-29. ATP
249,4 mg/kg	Soil	Annex1-29. ATP
121,4 µg/l	Waste water treatment	Annex1-29. ATP

‡ Hydrocarbons, C7-C9, isoalkanes

DNEL	Target group	Exposure route	Exposure frequency	Source
2053 mg/m ³	Workers	Inhalation	Long term effects	Company data

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773 mg/kg	Workers	dermal exposure	Long term effects	Company data
608 mg/m ³	Consumers	Inhalation	Long term effects	Company data
699 mg/kg	Consumers	Oral dermal exposure	Long term effects	Company data

† 1-methoxy-2-propanol

† Great Britain					
Long-term exposure value/ ppm	Long-term exposure value/ mg/m ³	Short-term exposure value / ppm	Short-term exposure value / mg/m ³	Note	Source
100	375	150	560	Sk	EH40/2005 Workplace exposure limits (2011)

Europe						
Long-term exposure value/ mg/m ³	Long-term exposure value/ ppm	Short-term exposure value / mg/m ³	Short-term exposure value / ppm	Note	Issuing date	Source
375	100	568	150	Skin	2000/39	DIRECTIVE 2009/161/EU

DNEL	Target group	Exposure route	Exposure frequency	Source
369 mg/m ³	Workers	Inhalation	Long term effects systemic	Company data
553,5 mg/m ³	Workers	Inhalation	Acute Local effects	Company data
50,6 mg/kg	Workers	dermal exposure	Long term effects systemic	Company data
43,9 mg/m ³	Consumers	Inhalation	Long term effects systemic	Company data
18,1 mg/kg	Consumers	dermal exposure	Long term effects systemic	Company data
3,3 mg/kg	Consumers	Oral	Long term effects systemic	Company data

PNEC	Exposure route	Source
10 mg/l	freshwater	Company data
1 mg/l	marine water	Company data
100 mg/l	Intermittent release.	Company data
100 mg/l	Waste water treatment	Company data
41,6 mg/kg	freshwater sediment	Company data
4,17 mg/kg	marine sediment	Company data
2,47 mg/kg	Soil	Company data

† zinc oxide

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DNEL	Target group	Exposure route	Exposure frequency	Source
5 mg/cm ²	Workers	Inhalation	Long term effects systemic	Company data
83,3 mg/kg	Workers	dermal	Long term effects systemic	Company data
2,5 mg/cm ²	Consumers	Inhalation	Long term effects systemic	Company data
0,83 mg/kg	Consumers	Oral	Long term effects systemic	Company data
83 mg/kg	Consumers	dermal	Long term effects systemic	Company data

PNEC	Exposure route	Source
44,3 mg/kg	Soil	Company data
64,7 µg/l	Waste water treatment	Company data
70,3 mg/kg	marine sediment	Company data
7,6 µg/l	Marin	Company data
146 mg/kg	freshwater sediment	Company data
25,6 µg/l	fresh water	Company data

8.2 Exposure controls

Respiratory protection

Vapour during processing may be irritating to the respiratory tract and to the eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Remarks

Recommended Filter type: A2
Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).

Hand protection

Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Unsuitable material

woven fabric, Leather gloves

Suitable material

Nitriles

Material thickness

0,38 mm

Break through time

<25 min

Eye protection

Tightly fitting safety goggles

Skin and body protection

Wear suitable protective equipment. Long sleeved clothing

General protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.

Engineering measures

Ensure adequate ventilation, especially in confined areas. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	Liquid
Odour	weak like solvent
Odour threshold	no data available
pH	no data available
Melting point [°C] / Freezing point [°C]	-20 °C
Boiling point [°C]	>160 °C
Flash point [°C]	40 °C
Evaporation rate [kg/(s*m ²)]	0,2
Explosion limits [Vol-%]	
Lower limit	0,6 %
Upper limit	8,0 %
Vapour pressure [kPa]	0,7 kPa
Temperature	20 °C
Vapour density	>1
Density [g/cm ³]	1,21 - 1,25 g/cm ³
Solubility	slightly soluble Acetone
Autoignition temperature [°C]	250 °C
Viscosity, dynamic [kg/(m*s)]	700 - 850 mPa.s

SECTION 10: Stability and reactivity

10.3 Possibility of hazardous reactions

Hazardous reactions Risk of violent reaction.

10.4 Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid Strong oxidizing agents, Strong acids and strong bases, Alkali metals

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]

Hazardous ingredients

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			
Value	Test criterion	Test species	Source
>5001	LD50	rat	Company data

trizinc bis(orthophosphate)

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Value	Test criterion	Test species	Source
>5000 mg/kg	LD50	rat	Annex1- 29. ATP

Hydrocarbons, C7-C9, isoalkanes			
Value	Test criterion	Test species	Source
>5000	LD50	rat	Company data

1-methoxy-2-propanol				
Value	Test criterion	Test species	Measuring method	Source
4016 mg/kg	LD50	rat	Directive 67/548/EEC, Annex V, B.1.	Company data

zinc oxide				
Value	Test criterion	Test species	Measuring method	Source
>5000 mg/kg	LD50	Ratte, männlich / Ratte, weiblich	OECD Test Guideline 401	Company data

Dermal toxicity [mg/kg]

Hazardous ingredients

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			
Value	Test criterion	Test species	Source
>5001	LD50	rabbit	Company data

Hydrocarbons, C7-C9, isoalkanes			
Value	Test criterion	Test species	Source
>2000	LD50	rabbit	Company data

1-methoxy-2-propanol				
Value	Test criterion	Test species	Measuring method	Source
13500 mg/kg	LD50	rabbit	Directive 67/548/EEC, Annex V, B.3.	Company data

zinc oxide				
Value	Test criterion	Test species	Measuring method	Source
>2001 mg/kg	LD50	Ratte, weiblich Ratte, männlich	OECD Test Guideline 402	Company data

Inhalative toxicity [mg/l]

Hazardous ingredients

1-methoxy-2-propanol			
Value	Test criterion	Test species	Source
>20 mg/l	LC50	rat	Company data

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zinc oxide			
Value	Test criterion	Test species	Source
>5,7 mg/l	LC50	Ratte, männlich / Ratte, weiblich	Company data

LC50 Inhalation 4h for dusts and sprays [mg/l]

Hazardous ingredients

trizinc bis(orthophosphate)			
Value	Test criterion	Test species	Source
5,7 mg/l	LC50	rat	Company data

zinc oxide			
Value	Test criterion	Test species	Source
5,7	LC50	rat	Company data

Irritant effect on skin

Hazardous ingredients

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source
No skin irritation Repeated exposure may cause skin dryness or cracking.	Company data

1-methoxy-2-propanol			
Value	Measuring method	Test species	Source
No skin irritation	OECD Test Guideline 404	rabbit	Company data

Irritant effect on eyes

Hazardous ingredients

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source
May irritate eyes.	Company data

1-methoxy-2-propanol			
Value	Measuring method	Test species	Source
No eye irritation	OECD Test Guideline 405	rabbit	Company data

zinc oxide			
Value	Test species	Exposure duration	Source
slightly irritating	rabbit	24 h 500 mg	Company data

Sensitization

Hazardous ingredients

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source

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No known effect.	Company data
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1-methoxy-2-propanol			
Value	Measuring method	Test species	Source
No sensitization responses were observed.	Directive 67/548/EEC, Annex V, B.6.	guinea pig	Company data

Specific target organ toxicity (single exposure) [mg/kg]

Hazardous ingredients

1-methoxy-2-propanol	
Value	Source
H336: May cause drowsiness or dizziness.	Company data

Aspiration hazard

Aspirations_less_hydrocarbons less_hydrocarbons

11.2 Additional information

Experience in practice

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritating to eyes, respiratory system and skin. Irritating to mucous membranes

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish [mg/l]

Hazardous ingredients

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			
Value	Test criterion	Exposure duration	Source
>1000	LC50	96 h	Company data

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			
Value	Test criterion	Test species	Source
>10	EC50	Oncorhynchus mykiss (rainbow trout)	SimChem

Hydrocarbons, C7-C9, isoalkanes			
Value	Test criterion	Exposure duration	Source
18,4	LC50	96 h	Company data

1-methoxy-2-propanol			
Value	Test criterion	Test species	Source
>4000 mg/l	LC50	Leuciscus idus (Golden orfe)	Company data

Toxicity to daphnia [mg/l]

Hazardous ingredients

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			
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Value	Test criterion	Test species	Exposure duration	Source
>1000	EC50	Daphnia magna (Water flea)	48 h	Company data

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics				
Value	Test criterion	Test species	Exposure duration	Source
>20	EC50	Daphnia magna (Water flea)		SimChem

trizinc bis(orthophosphate)				
Value	Test criterion	Test species	Exposure duration	Source
5,7 mg/l	EC50	Daphnia	48h	Company data

Hydrocarbons, C7-C9, isoalkanes				
Value	Test criterion	Test species	Exposure duration	Source
2,4	EC50	Daphnia magna (Water flea)	48 h	Company data

1-methoxy-2-propanol				
Value	Test criterion	Test species	Exposure duration	Source
23300 mg/l	EC50	Daphnia magna (Water flea)		Company data

zinc oxide					
Value	Test criterion	Test species	Exposure duration	Measuring method	Source
0,413 mg/l	EC50	Daphnia	48 h		Company data
0,136 mg/l	EC50	Pseudokirchneriella subcapitata	72 h	OECD Test Guideline 201	Company data

Toxicity to algae [mg/l]

Hazardous ingredients

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics				
Value	Test criterion	Test species	Exposure duration	Source
>1000	EC50	Pseudokirchneriella subcapitata	72 h	Company data

trizinc bis(orthophosphate)				
Value	Test criterion	Test species	Exposure duration	Source
1,87 mg/l	IC50	Selenastrum capricornutum (green algae)		Company data

zinc oxide

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Value	Test criterion	Test species	Exposure duration	Measuring method	Source
0,136 mg/l	EC50	Pseudokirchneriella subcapitata	72 h	OECD Test Guideline 201	Company data

NOEC (fish) [mg/l]

Hazardous ingredients

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source
100 mg/l	Company data

NOEC (daphnia) [mg/l]

Hazardous ingredients

Hydrocarbons, C7-C9, isoalkanes		
Value	Test species	Source
0,17	Daphnia magna (Water flea)	Company data

NOEC (algae) [mg/l]

Hazardous ingredients

Hydrocarbons, C7-C9, isoalkanes		
Value	Test species	Source
6,3	Pseudokirchneriella subcapitata	Company data

12.2 Persistence and degradability

Biodegradability

Hazardous ingredients

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source
Readily biodegradable.	Company data

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source
Biodegradable.	SimChem

Hydrocarbons, C7-C9, isoalkanes	
Value	Source
Readily biodegradable.	Company data

1-methoxy-2-propanol		
Value	Measuring method	Source
Readily biodegradable.	OECD 301	Company data

12.3 Bioaccumulative potential

Bioaccumulation

Hazardous ingredients

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: **Triflex Metal Primer 2.5 ltr**

Article-No.: 26200-025

Revision Date: 26.04.2021

Version: 7.0/en

Triflex

Replaces version from: 26.04.2021

Print date: 03.06.2021

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source
log Pow 5-6,5	Company data

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Value	Source
no data available	SimChem

Hydrocarbons, C7-C9, isoalkanes	
Value	Source
log Pow>3	Company data

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

Dissolved organic carbon (DOC)

Hazardous ingredients

1-methoxy-2-propanol	
Value	Source
>70 %	Company data

Further information on ecology

We have no quantitative data concerning the ecological effects of this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:




Waste Code

080111 - waste paint and varnish containing organic solvents or other dangerous substances

Uncleaned empty packaging

The return of packaging materials is regulated by the Interseroh system.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	1263	1263	1263
14.2 Description of the goods	PAINT	PAINT	PAINT
UN proper shipping name		PAINT	Paint
14.3 Transport hazard class(es)	3	3	3
14.4 Packaging group	III	III	III
Labels	3 	3 	3 
Risk No.	30		
Category	3		
Factor	1		
Classification Code	F1		

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: **Triflex Metal Primer 2.5 ltr**

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	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
SP 640	640E		
Tunnel restriction code	D/E		
EmS		F-E;_S-E	
Stowage category		A	

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

Transport in bulk according to Annex II of MARPOL and the IBC Code Not relevant

SECTION 15: Regulatory information

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

Decopaint regulation	Directive 2004/42/EC-IIA/i:500 g/l(2010). < =497 g/l VOC
Additional regulations	Additionally, observe any national regulations!
Classification in compliance with the Industrial Safety Regulation	flammable
GISCODE	BSL60
MAL-Code	2-3

SECTION 16: Other information

Modifications since last version Modifications of the previous version are denoted with an asterisk (*).

Relevant H-phrases
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
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.

Wording of the hazard classes
Flam. Liq.: Flammable liquid
STOT SE: Specific target organ toxicity - single exposure
Asp. Tox.: Aspiration hazard
Aquatic Chronic: Hazardous to the aquatic environment
This product is classified as not hazardous according to regulation EC CLP
Aquatic Acute: Hazardous to the aquatic environment
Skin Irrit.: Skin irritation

! Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification	Evaluation
Flam. Liq. 3; H226	Calculated
STOT SE 3; H336	Calculated
Aquatic Chronic 2; H411	Calculated

Department issuing safety data sheet Environmental Department

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