

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en



Replaces version from: 24.08.2021

Print date: 19.08.2022

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

### **1.1 Product identifier**

Commercial Product Name                      **Triflex Metal Primer 0,4l Spray can**

### **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  
FAX: +49 (0) 571 / 3 87 80 - 738

Importer

**Schweiz:**  
Triflex GmbH  
Industriestrasse 18  
CH-6252 Dagmersellen  
Tel: +41 62 842 98 22  
Fax +41 62 842 98 23

**Nederland:**  
Triflex BV  
Boerendanserdijk 35  
NL-8024 AE Zwolle  
Tel: +31 38 460 2050  
Fax: +31 6 53391526

**United Kingdom:**  
Triflex (UK) Ltd.  
Whitebridge Way  
GB - STONE, STAFFORDSHIRE ST15 8JS  
Fon: +44 1785 819119  
Fax: +44 1785 819960

**Österreich:**  
Triflex GesmbH  
Gewerbepark 1  
A-4880 St.Georgen im Attergau  
Tel: +43 7667/21505  
Fax: +43 7667/21505-10

**Belgie:**  
Triflex BV/SRL  
Diamantstraat 6c  
B-2200 Herentals  
Tel: +32 14 75 2550  
Fax: +32 14 75 2614

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                      Aerosol 1; H222 H229 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT RE 2; H373 Asp. Tox. 1; H304

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

### 2.2 Label elements

Hazard pictogram



GHS02



GHS05



GHS08

Signal word

Danger

Hazardous component(s) to be indicated on label

xylene , butan-1-ol

H-statement(s)

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

H315: Causes skin irritation.

H318: Causes serious eye damage.

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

P-statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor.

P314: Get medical advice/attention if you feel unwell.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

Ingredient	Numbers	Classification (EC) 1272/2008	Concentration
dimethyl ether	CAS No.: 115-10-6 EC-No.: 204-065-8 Index-No.: 603-019-00-8 REACH No.: 01-2119472128-37-XXXX	Flam. Gas 1; H220	40.0 - 45.0 % by weight
n-butyl acetate	CAS No.: 123-86-4 EC-No.: 204-658-1 Index-No.: 607-025-00-1 REACH No.: 01-2119485493-29-XXXX	Flam. Liq. 3; H226 STOT SE 3; H336	5.0 - 10.0 % by weight

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

<b>Ingredient</b>	<b>Numbers</b>	<b>Classification (EC) 1272/2008</b>	<b>Concentration</b>
xylene	CAS No.: 1330-20-7 EC-No.: 215-535-7 Index-No.: 601-022-00-9 REACH No.: 01-2119488216-32-XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 STOT RE 2; H373 Asp. Tox. 1; H304	5.0 - 10.0 % by weight
2-methoxy-1-methylethyl acetate	CAS No.: 108-65-6 EC-No.: 203-603-9 Index-No.: 607-195-00-7 REACH No.: 01-2119475794-29-XXXX	Flam. Liq. 3; H226 STOT SE 3; H336	1.0 - 5.0 % by weight
butan-1-ol	CAS No.: 71-36-3 EC-No.: 200-751-6 Index-No.: 603-004-00-6 REACH No.: 01-2119484630-38-XXXX	Flam. Liq. 3; H226 Acute Tox. 4 ; H302 STOT SE 3; H335 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H336	1.0 - 5.0 % 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.
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 (CO2), 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.
---	---

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Exposure to decomposition products may be a hazard to health.

### 5.3 Advice for firefighters

Special protective equipment for firefighting In the event of fire, wear self-contained breathing apparatus.

Additional information on fire-fighting 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.

### 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.

### 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".

### 6.4 Reference to other sections

Reference to other sections Disposal considerations See also section 13

### 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.

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

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

2B

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

dimethyl ether

Great Britain

Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
400	766	500	958	EH40/2005 Workplace exposure limits (2011)

Europe

Long-term exposure value/ mg/m3	Long-term exposure value/ ppm	Issuing date	Source
1 920	1 000	2000/39	DIRECTIVE 2009/161/EU

PNEC

PNEC	Exposure route	Source
0,155 mg/l	freshwater	Company data
1,549 mg/l	Intermittent release.	Company data
0,016 mg/l	marine water	Company data
0,681 mg/l	freshwater sediment	Company data
0,069 mg/l	marine sediment	Company data
0,045	Soil	Company data

n-butyl acetate

Great Britain

Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
150	724	200	966	EH40/2005 Workplace exposure limits (2011)

Europe

Long-term exposure value/ mg/m3	Long-term exposure value/ ppm	Short-term exposure value / mg/m3	Short-term exposure value / ppm	Issuing date	Source
241	50	723	150	2019/1831	DIRECTIVE 2009/161/EU

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

*DNEL	Target group	Exposure route	Exposure frequency	Source
35,7 mg/m <sup>3</sup>	Workers	Inhalable fraction	Long term effects systemic	Company data
11 mg/kg	Workers	dermal exposure	Long term effects systemic	Company data

PNEC	Exposure route	Source
0,18 mg/l	freshwater	Company data
0,018 mg/l	marine water	Company data
35,6 mg/l	Waste water treatment	Company data
0,981 mg/kg	freshwater sediment	Company data
0,0981 mg/kg	marine sediment	Company data
0,0903 mg/kg	Soil	Company data

## xylene

### Great Britain

Great Britain	Parameter	Test material	Sampling time	Source
650 mmol/mol Creatinine	methyl hippuric acid	urine	End of shift	EH40/2005 Workplace exposure limits (2011)

### Great Britain

Long-term exposure value/ ppm	Long-term exposure value/ mg/ m3	Short-term exposure value / ppm	Short-term exposure value / mg/ m3	Note	Source
50	220	100	441	Sk, BMGV	EH40/2005 Workplace exposure limits (2011)

### Europe

Long-term exposure value/ mg/m3	Long-term exposure value/ ppm	Short-term exposure value / mg/m3	Short-term exposure value / ppm	Note	Issuing date	Source
221	50	442	100	Skin	2000/39	DIRECTIVE 2009/161/EU

DNEL	Target group	Exposure route	Exposure frequency	Source
77 mg/m <sup>3</sup>	Workers	inhale	Long term effects systemic Local	Company data
289 mg/m <sup>3</sup>	Workers	inhale	Short-term effects systemic Local	Company data
174 mg/m <sup>3</sup>	Workers	dermal	Short-term effects Local	Company data
174 mg/m <sup>3</sup>	Consumers	inhale	Short-term effects Local + systemic	Company data
14,8 mg/m <sup>3</sup>	Consumers	Inhalation	Long term effects systemic	Company data
1,6 mg/kg	Consumers	Oral	Long term effects systemic	Company data
108 mg/kg	Consumers	dermal	Long term effects systemic	Company data

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

PNEC	Exposure route	Source
0,327 mg/l	freshwater	Company data
12,46 mg/kg	freshwater sediment	Company data
2,31 mg/kg	Soil	Company data
6,58 mg/l	Waste water treatment	Company data

## 2-methoxy-1-methylethyl acetate

### Great Britain

Long-term exposure value/ ppm	Long-term exposure value/ mg/ m3	Short-term exposure value / ppm	Short-term exposure value / mg/ m3	Note	Source
50	274	100	548	Sk	EH40/2005 Workplace exposure limits (2011)

### Europe

Long-term exposure value/ mg/m3	Long-term exposure value/ ppm	Short-term exposure value / mg/m3	Short-term exposure value / ppm	Note	Issuing date	Source
275	50	550	100	Skin	2000/39	DIRECTIVE 2009/161/EU

*DNEL	Target group	Exposure route	Exposure frequency	Source
275 mg/m <sup>3</sup>	Workers	Inhalable fraction	Long term effects systemic	Company data
796 mg/kg	Workers	dermal	Long term effects systemic	Company data
33 mg/m <sup>3</sup>	Consumers	Inhalation	Long term effects systemic	Company data
320 mg/kg	Consumers	dermal	Long term effects systemic	Company data
36 mg/kg	Consumers	Oral	Long term effects systemic	Company data

PNEC	Exposure route	Source
0,635 mg/l	freshwater	Company data
0,0064 mg/l	seawater	Company data
6,35 mg/l	Continuous release.	Company data
100 mg/l	Waste water pretreatment	Company data
0,329 mg/kg	marine sediment	Company data
0,29 mg/kg	Soil	Company data
3,29 mg/kg	freshwater sediment	Company data

## butan-1-ol

### Great Britain

Short-term exposure value / ppm	Short-term exposure value / mg/m3	Note	Source
50	154	Sk	EH40/2005 Workplace exposure limits (2011)

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

DNEL	Target group	Exposure route	Exposure frequency	Source
310 mg/m <sup>3</sup>	Workers	Inhalation	Long term effects Local	Company data

PNEC	Exposure route	Source
2,25 mg/l	Continuous release. freshwater	Company data
8,2 µg/l	seawater	Company data
2476 g/l	Waste water treatment	Company data
324 µg/kg	freshwater sediment	Company data
32,4 µg/kg	marine sediment	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.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Physical state

gaseous



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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en



Replaces version from: 24.08.2021

Print date: 19.08.2022

Form	aerosol
Colour	various
Odour	of aromats
Odour threshold	no data available
pH	Not applicable.
Melting point [°C] / Freezing point [°C]	no data available
Boiling point [°C]	-24 °C
Flash point [°C]	not applicable (aerosol)
Explosion limits [Vol-% ]	
Lower limit	1,1 vol. %
Upper limit	18,6 vol. %
Vapour pressure [kPa]	5.200 hPa
Density [g/cm <sup>3</sup> ]	0,78-0,82 g/ml
Relative density	not determined
Autoignition temperature [°C]	not auto-flammable
Decomposition temperature [°C]	not determined
Viscosity, kinematic [mm <sup>2</sup> /s]	20 sec
Measuring method	4 DIN 53211

### 9.2 Other information

Ignition temperature [°C]	>300 °C
---------------------------	---------

## **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

Reactivity	There is no data available for this product.
------------	--

### 10.2 Chemical stability

Chemical stability	Stable under normal conditions.
--------------------	---------------------------------

### 10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under conditions of normal use.
---------------------	---

### 10.4 Conditions to avoid

Conditions to avoid	Heat, flames and sparks.
---------------------	--------------------------

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

## 10.5 Incompatible materials

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

## 10.6 Hazardous decomposition products

Hazardous decomposition products Heating or fire can release toxic gas.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Oral toxicity [mg/kg]

##### Hazardous ingredients

n-butyl acetate			
Value	Test criterion	Test species	Source
10760 mg/kg	LD50	rat	Company data

xylene			
Value	Test criterion	Test species	Source
4300 mg/kg	LD50	rat	Company data

2-methoxy-1-methylethyl acetate			
Value	Test criterion	Test species	Source
8532 mg/kg	LD50	rat	Company data

butan-1-ol			
Value	Test criterion	Test species	Source
2292 mg/kg	LD50	rat	Company data

#### Dermal toxicity [mg/kg]

##### Hazardous ingredients

n-butyl acetate				
Value	Test criterion	Test species	Measuring method	Source
14112 mg/kg	LD50	rabbit	OECD Test Guideline 402	Company data

xylene			
Value	Test criterion	Test species	Source
12126 mg/kg	LD50	rabbit	Company data

2-methoxy-1-methylethyl acetate			
Value	Test criterion	Test species	Source
5000 mg/kg	LD50	rat	Company data

butan-1-ol			
------------	--	--	--

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

Value	Test criterion	Test species	Source
3434 mg/kg	LD50	rabbit	Company data

## Inhalative toxicity [mg/l]

### Hazardous ingredients

2-methoxy-1-methylethyl acetate				
Value	Test criterion	Test species	Exposure duration [h]	Source
23,8 mg/kg	LD50	rat	6 h	Company data

butan-1-ol				
Value	Test criterion	Test species	Exposure duration [h]	Source
17,76 mg/l	LC0	rat	4 hours	Company data

## LC50 Inhalation 4h for gases [ppmV]

### Hazardous ingredients

dimethyl ether			
Value	Test criterion	Test species	Source
164000 ppm	LC50	rat	Company data

## LC50 Inhalation 4h for vapours [mg/l]

### Hazardous ingredients

dimethyl ether			
Value	Test criterion	Test species	Source
309 mg/l	LC50	rat	Company data

xylene			
Value	Test criterion	Test species	Source
29,901 mg/l	LC50	rat	Company data

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

### Hazardous ingredients

n-butyl acetate			
Value	Test criterion	Test species	Source
23,4 mg/l	LC50	rat	Company data

2-methoxy-1-methylethyl acetate			
Value	Test criterion	Test species	Source
23,8 mg/l	LC50	rat	Company data

## Irritant effect on skin

### Hazardous ingredients

n-butyl acetate	
Value	Source
No skin irritation	Company data

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

xylene	
Value	Source
irritating	Company data

2-methoxy-1-methylethyl acetate	
Value	Source
No skin irritation	Company data

## Irritant effect on eyes

### Hazardous ingredients

n-butyl acetate	
Value	Source
No eye irritation	Company data

xylene	
Value	Source
irritating Causes serious eye irritation.	Company data

## Sensitization

### Hazardous ingredients

n-butyl acetate		
Value	Measuring method	Source
No sensitization responses were observed.	OECD Test Guideline 406	Company data

xylene	
Value	Source
negative	Company data

## Carcinogenic effects

### Hazardous ingredients

2-methoxy-1-methylethyl acetate	
Value	Source
Did not show carcinogenic effects in animal experiments.	Company data

## Mutagenicity

### Hazardous ingredients

n-butyl acetate		
Value	Measuring method	Source
negative	Ames test	Company data

2-methoxy-1-methylethyl acetate	
Value	Source

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

Did not show mutagenic effects in animal experiments.	Company data
---	--------------

## Reproduction toxicity

### Hazardous ingredients

2-methoxy-1-methylethyl acetate	
Value	Source
Did not show teratogenic effects in animal experiments.	Company data

## Dermal absorption data

### Hazardous ingredients

xylene	
Value	Source
Dermal absorption possible	Company data

2-methoxy-1-methylethyl acetate	
Value	Source
Dermal absorption possible	Company data

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

### Hazardous ingredients

n-butyl acetate	
Value	Source
H336: May cause drowsiness or dizziness.	Company data

xylene	
Value	Source
Causes respiratory tract irritation.	Company data

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

### Hazardous ingredients

n-butyl acetate	
Value	Source
No known effect.	Company data

## 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

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Toxicity to fish [mg/l]

##### Hazardous ingredients

dimethyl ether	
Value	Source
>4000 mg/l	Company data

n-butyl acetate					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Source
18 mg/l	LC50	Pimephales promelas (fathead minnow)	OECD Test Guideline 203	96 h	Company data

xylene				
Value	Test criterion	Test species	Exposure duration [h]	Source
2,6 mg/l	LC50	Oncorhynchus mykiss (rainbow trout)	96 h	Company data

2-methoxy-1-methylethyl acetate					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Source
>100 mg/l	LC50	Orange-red killifish	OECD Test Guideline 203	96 h	Company data

butan-1-ol			
Value	Test criterion	Exposure duration [h]	Source
1376 g/l	LC50	4 day(s)	Company data

#### Toxicity to daphnia [mg/l]

##### Hazardous ingredients

dimethyl ether	
Value	Source
>4000 mg/l	Company data

n-butyl acetate				
Value	Test criterion	Test species	Exposure duration [h]	Source
44 mg/l	EC50	Daphnia magna (Water flea)	48 h	Company data

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

<b>xylene</b>				
<b>Value</b>	<b>Test criterion</b>	<b>Test species</b>	<b>Exposure duration [h]</b>	<b>Source</b>
1,1 mg/l	EC50	Daphnia magna (Water flea)	48 h	Company data

<b>2-methoxy-1-methylethyl acetate</b>					
<b>Value</b>	<b>Test criterion</b>	<b>Test species</b>	<b>Exposure duration [h]</b>	<b>Measuring method</b>	<b>Source</b>
>500 mg/l	EC50	Daphnia magna (Water flea)	48 h	Directive 67/548/EEC, Annex V, C.2.	Company data

<b>butan-1-ol</b>			
<b>Value</b>	<b>Test criterion</b>	<b>Exposure duration [h]</b>	<b>Source</b>
1328 g/l	EC50	21 day(s)	Company data

## Toxicity to algae [mg/l] Hazardous ingredients

<b>n-butyl acetate</b>				
<b>Value</b>	<b>Test criterion</b>	<b>Test species</b>	<b>Exposure duration [h]</b>	<b>Source</b>
647 mg/l	EC50	Desmodesmus subspicatus	72 h	Company data

<b>xylene</b>				
<b>Value</b>	<b>Test criterion</b>	<b>Test species</b>	<b>Exposure duration [h]</b>	<b>Source</b>
2,2 mg/l	ErC50	Algae (mg/l)	72 h	Company data

<b>2-methoxy-1-methylethyl acetate</b>					
<b>Value</b>	<b>Test criterion</b>	<b>Test species</b>	<b>Exposure duration [h]</b>	<b>Measuring method</b>	<b>Source</b>
>1000 mg/l	EC50	Scenedesmus subspicatus	72 h	OECD Test Guideline 201	Company data

<b>butan-1-ol</b>			
<b>Value</b>	<b>Test criterion</b>	<b>Exposure duration [h]</b>	<b>Source</b>
225 mg/l	EC50	4 day(s)	Company data

## NOEC (algae) [mg/l] Hazardous ingredients

<b>n-butyl acetate</b>		
<b>Value</b>	<b>Test species</b>	<b>Source</b>
200 mg/l	Desmodesmus subspicatus	Company data

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

### 12.2 Persistence and degradability

#### Biodegradability

##### Hazardous ingredients

n-butyl acetate				
Value	Duration	Measuring method	Remarks	Source
83 %	28 day(s)	OECD 301D/ EEC 92/69/V, C.4-E	Readily biodegradable.	Company data

butan-1-ol	
Value	Source
Biodegradable.	Company data

### 12.3 Bioaccumulative potential

#### Bioaccumulation

##### Hazardous ingredients

n-butyl acetate	
Value	Source
no data available	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

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

16 05 04\* gases in pressure containers (including halons) containing dangerous substances

Uncleaned empty packaging

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

## SECTION 14: Transport information



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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1




Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

	*Land transport ADR/RID	*Marine transport IMDG	*Air transport ICAO/IATA
14.1 UN-No	1950	1950	1950
14.2 Description of the goods	AEROSOLS	AEROSOLS	Aerosols, flammable
UN proper shipping name		AEROSOLS	Aerosols, flammable
14.3 Transport hazard class(es)	2	2.1	2.1
Labels	2.1 	2.1 	2.1 
Category	2		
Factor	3		
Classification Code	5F		
Tunnel restriction code	D		
EmS		F-D;S-U	
Stowage category		A	

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

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

## SECTION 15: Regulatory information

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

VOC      73,13 %

\* Decopaint regulation      Directive 2004/42/EC-IIA/i:500 g/l(2010). < =673 g/l VOC  
Product Categories Special finishes  
Solvent-borne coatings All types

Additional regulations      Additionally, observe any national regulations!

Classification in compliance with  
the Industrial Safety Regulation      Extremely flammable

MAL-Code      4-3

## SECTION 16: Other information

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

Relevant H-phrases      H220: Extremely flammable gas.  
H222: Extremely flammable aerosol.  
H226: Flammable liquid and vapour.  
H229: Pressurised container: May burst if heated.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.

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

Commercial Product Name: Triflex Metal Primer 0,4l Spray can

Article-No.: 26200-250-1

Revision Date: 05.04.2022

Version: 3.0/en

**Triflex**

Replaces version from: 24.08.2021

Print date: 19.08.2022

H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H373: May cause damage to organs through prolonged or repeated exposure .

### Wording of the hazard classes

Flam. Gas: Flammable gas  
Flam. Liq.: Flammable liquid  
STOT SE: Specific target organ toxicity - single exposure  
Acute Tox.: Acute toxicity  
Skin Irrit.: Skin irritation  
Eye Irrit.: Serious eye irritation  
STOT RE: Specific target organ toxicity - repeated exposure  
Asp. Tox.: Aspiration hazard  
Eye Dam.: Serious eye damage  
Aerosol: aerosols

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

Classification	Evaluation
Aerosol 1; H222 H229	Calculated
Skin Irrit. 2; H315	Calculated
Eye Dam. 1; H318	Calculated
STOT RE 2; H373	Calculated
Asp. Tox. 1; H304	Calculated

### Department issuing safety data sheet

Environmental Department

### Recommended restrictions

Reserved for industrial and professional use.

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

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.