

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en

fischer 

Replaces version from: 12.03.2020

Print date: 19.11.2020

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

1.1 Product identifier

Commercial Product Name **FTC-ZA ZINC-ALU 400ML**

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

Relevant identified uses lacquer

1.3 Details of the supplier of the safety data sheet

Company designation fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12-0
FAX: +49(0)7443 12-4222
Email: info-sdb@fischer.de
Internet: www.fischer.de

Marketer AnchorMark Pty. Ltd.
Unit 1, 61 Waterview Close
Dandenong South VIC 3175, Australia
Telephone: +61 (0) 3 97992096
FAX: +61 (0) 3 97992696
Email: info@anchormark.com.au

1.4 Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

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 Irrit. 2; H319 STOT SE 3; 336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411

2.2 Label elements

Hazard pictogram



GHS02



GHS07



GHS09

Signal word

Danger

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Hazardous component(s) to be indicated on label	acetone , Hydrocarbons, C9, aromatics , Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics , Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexane
H-statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H315: Causes skin irritation. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.
P-statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211: Do not spray on an open flame or other ignition source. P251: Do not pierce or burn, even after use. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P501: Dispose of contents/container to special waste treatment .
Further information	EUH208: Contains 2-butanone oxime. May produce an allergic reaction. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Buildup of explosive mixtures possible without sufficient ventilation.

2.3 Other hazards

Health hazard	No information available.
Particular information pertaining specific risk for human / environment	No information available.
Indication of danger	No information available.
Hazard precautions	No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
acetone	CAS No.: 67-64-1 EC-No.: 200-662-2 Index-No.: 606-001-00-8 REACH No.: 01-2119471330-49	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 20.0 - 100.0 %

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML



Revision Date: 19.11.2020

Replaces version from: 12.03.2020

Version: 1/en

Print date: 19.11.2020

Ingredient	CAS No.	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, 01-2119519269-33	Flam. Gas 1; H220 Press. Gas; H280	10.0 - 25.0 %
xylene	CAS No.: 1330-20-7 EC-No.: 215-535-7 Index-No.: 601-022-00-9 REACH No.: 01-2119488216-32, 02-2119752448-30	Flam. Liq. 3; H226 Acute Tox. 4 ; H332 Acute Tox. 4 ; H312 Skin Irrit. 2; H315	>= 10.0 - 20.0 %
zinc powder - zinc dust (stabilised)	CAS No.: 7440-66-6 EC-No.: 231-175-3 Index-No.: 030-001-01-9 REACH No.: 01-2119467174-37	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 2.5 - 25.0 %
propane	CAS No.: 74-98-6 EC-No.: 200-827-9 Index-No.: 601-003-00-5 REACH No.: 01-2119486944-21	Flam. Gas 1; H220 Press. Gas; H280	>= 2.5 - 25.0 %
isobutane	CAS No.: 75-28-5 EC-No.: 200-857-2 Index-No.: 601-004-00-0 REACH No.: 01-2119485395-27	Flam. Gas 1; H220 Press. Gas; H280	>= 2.5 - 25.0 %
Hydrocarbons, C9, aro- matics	EC-No.: 918-668-5 REACH No.: 01-2119455851-35	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 STOT SE 3; H335 H336	>= 2.5 - 10.0 %
Hydrocarbons, C7, n-alka- nes, isoalkanes, cyclics	EC-No.: 927-510-4 REACH No.: 01-2119475515-33	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 Skin Irrit. 2; H315 STOT SE 3; H336	>= 2.5 - 10.0 %
Kohlenwasserstoffe, C6- C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexa- ne	EC-No.: 921-024-6 REACH No.: 01-2119475514-35	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 Skin Irrit. 2; H315 STOT SE 3; H336	>= 2.5 - 10.0 %
ethylbenzene	CAS No.: 100-41-4 EC-No.: 202-849-4 Index-No.: 601-023-00-4 REACH No.: 02-2119752523-40	Flam. Liq. 2; H225 Acute Tox. 4 ; H332 STOT RE 2; H373 (hearingor- gans) Asp. Tox. 1; H304	< 1.0 %
2-butanone oxime	CAS No.: 96-29-7 EC-No.: 202-496-6 Index-No.: 616-014-00-0 REACH No.: 01-2119539477-28	Carc. 2; H351 Acute Tox. 4 ; H312 Eye Dam. 1; H318 Skin Sens. 1; H317	< 1.0 % by weight

SECTION 4: First aid measures**4.1 Description of first aid measures**

General advice

Take off immediately all contaminated clothing.
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Wear personal protection equipment (refer to section 8).

If inhaled

Provide fresh air.
In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.
Do NOT use solvents or thinners.

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en

fischer 

Replaces version from: 12.03.2020

Print date: 19.11.2020

In case of eye contact	Remove contact lenses. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
If swallowed	If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention If unconscious place in recovery position and seek medical advice.

Special medical treatment Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media spray mist, (water), Water spray jet, alcohol resistant foam, carbon dioxide, Extinguishing powder

Extinguishing media which must not be used for safety reasons Full 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 Heating or fire can release toxic gas.
Pressurised container: May burst if heated.
Fight fire with normal precautions from a reasonable distance.

5.3 Advice for firefighters

Special protective equipment for firefighting In case of fire: Wear self-contained breathing apparatus.
For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Additional information on fire-fighting Suppress (knock down) gases/vapours/mists with a water spray jet.
Keep containers and surroundings cool with water spray.
Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions For non-emergency personnel

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Accidental release measures:
Wear personal protection equipment (refer to section 8).
Remove all sources of ignition.
Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

Environmental precautions The product should not be allowed to enter drains, water courses or the soil.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Allow stiffening. Take up mechanically.
Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Reference to other sections Reference to other sections : 7 / 8 / 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Vapours are heavier than air and may spread along floors. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.
Keep container tightly closed.
Hygiene measures: When using do not eat, drink or smoke. Wash hands before breaks and after work.
Take off contaminated clothing and wash it before reuse.

Precautions Handle and open container with care.
Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion No special measures are necessary.
Take measures to prevent the build up of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Container may rupture on heating.
Keep/Store only in original container.
Keep container tightly closed and dry.
Store in accordance with local regulations.

Unsuitable materials for containers Keep only in original container.

Hints on storage assembly Keep away from food, drink and animal feedingstuffs.

German storage class 2B

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Recommended storage temperature +5 - 25 °C

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

acetone

Australia				
Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
500	1185	1000	2375	WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS 18.April 2013

Europe			
Long-term exposure value/ mg/m3	Long-term exposure value/ ppm	Issuing date	Source
1 210	500	2000/39	DIRECTIVE 2009/161/EU

dimethyl ether

Australia				
Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
400	760	500	950	WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS 18.April 2013

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

xylene

Australia				
Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
80	350	150	655	WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS 18.April 2013

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

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

ethylbenzene

Australia				
Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
100	434	125	543	WORKPLACE EX- POSURE STANDARDS FOR AIRBORNE CON- TAMINANTS 18.April 2013

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
442	100	884	200	Skin	2000/39	DIRECTIVE 2009/161/EU

8.2 Exposure controls

Respiratory protection	In case of inadequate ventilation wear respiratory protection.
Hand protection	Health injuries are not known or expected under normal use. For prolonged or repeated contact use protective gloves.
Suitable material	Protective gloves complying with EN 374. Butyl caoutchouc (butyl rubber), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber), Fluorinated rubber
Unsuitable material	PVC or rubber gloves are not recommended.
Material thickness	adjust to application and duration of use
Break through time	adjust to application and duration of use
Remarks	Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Note	Replace when worn.
Eye protection	Wear closely fitting protective glasses in case of splashes. Safety glasses with side-shields conforming to EN166
Skin and body protection	Long sleeved clothing
Note	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General protective and hygiene measures	Do not eat, drink or smoke when using this product. Avoid contact with the skin and the eyes. Wash hands and face before breaks and after work and take a shower if necessary. Keep away from food, drink and animal feedingstuffs. Use protective skin cream before handling the product.

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Information on environmental protection regulations	No special environmental measures are necessary. see section 6/7
Engineering measures	Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	aerosol
Colour	silver
Odour	acetone-like
Odour threshold	not determined
pH	No data available
Melting point [°C] / Freezing point [°C]	No data available
Initial boiling point [°C] and boiling range [°C]	Not applicable (aerosol)
Flash point [°C]	Not applicable. (aerosol)
Evaporation rate [kg/(s*m ²)]	No data available
Flammability (solid, gas)	No data available
Explosion limits [Vol-%]	
Lower limit	No data available
Upper limit	No data available
Vapour pressure [kPa]	No data available
Vapour density	No data available
Density [g/cm ³]	0,73
Temperature	20 °C
Relative density	No data available
Solubility	No data available
Water solubility [g/l]	No data available
Solubility [g/l]	No data available
Partition coefficient n-octanol /water (log P O/W)	No data available
Autoinflammability	not auto-flammable
Decomposition temperature [°C]	No data available
Viscosity, dynamic [kg/(m*s)]	No data available
Viscosity, kinematic [mm ² /s]	No data available

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Explosive properties not explosive.

Risk of explosion. In use, may form flammable/explosive vapour-air mixture.

Oxidising properties No

9.2 Other information

Melting range [°C] not determined

Miscibility with water immiscible

Solvent content [%] 88,5

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity No hazardous reaction when handled and stored according to provisions.
No decomposition if stored and applied as directed.

10.2 Chemical stability

Chemical stability Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

Hazardous reactions No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Conditions to avoid The mixture is chemically stable under recommended conditions of storage, use and temperature.
Direct sources of heat. Risk of bursting.

10.5 Incompatible materials

Materials to avoid Strong acids and oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]

Hazardous ingredients

acetone			
Value	Test criterion	Test species	Source
> 5800	LD50	rat	Company data

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML



Revision Date: 19.11.2020

Replaces version from: 12.03.2020

Version: 1/en

Print date: 19.11.2020

xylene			
Value	Test criterion	Test species	Source
3523	LD50	rat	Company data

propane	
Value	Source
No data available	Company data

isobutane	
Value	Source
No data available	Company data

Hydrocarbons, C9, aromatics			
Value	Test criterion	Test species	Source
> 2000	LD50	rat	Company data

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			
Value	Test criterion	Test species	Source
> 5840	LD50	rat	Company data

Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexane			
Value	Test criterion	Test species	Source
> 5840	LD50	rat	Company data

ethylbenzene			
Value	Test criterion	Test species	Source
3500	LD50	rat	Company data

2-butanone oxime			
Value	Test criterion	Test species	Source
3700	LD50	Rat	Company data

Dermal toxicity [mg/kg]**Hazardous ingredients**

acetone			
Value	Test criterion	Test species	Source
> 20000	LD50	rabbit	Company data

xylene			
Value	Test criterion	Test species	Source
2000	LD50	Rabbit	Company data

propane	
Value	Source
No data available	Company data

isobutane	
------------------	--

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Value	Source
No data available	Company data

Hydrocarbons, C9, aromatics			
Value	Test criterion	Test species	Source
> 2000	LD50	rat	Company data

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			
Value	Test criterion	Test species	Source
> 2920	LD50	rat	Company data

Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexane			
Value	Test criterion	Test species	Source
> 2920	LD50	rat	Company data

ethylbenzene			
Value	Test criterion	Test species	Source
17800	LD50	rat	Company data

2-butanone oxime			
Value	Test criterion	Test species	Source
> 200	LD50	rat	Company data

Inhalative toxicity [mg/l]

Hazardous ingredients

acetone				
Value	Test criterion	Test species	Exposure duration	Source
76	LC50	rat	4 h	Company data

dimethyl ether				
Value	Test criterion	Test species	Exposure duration	Source
308	LC50	rat	4 h	Company data

xylene				
Value	Test criterion	Test species	Exposure duration	Source
21,7	LC50	rat	4 h	Company data

propane				
Value	Test criterion	Test species	Exposure duration	Source
20	LC50	rat	4 h	Company data

isobutane				
Value	Test criterion	Test species	Exposure duration	Source

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

> 50	LC50	rat	4 h	Company data
------	------	-----	-----	--------------

Hydrocarbons, C9, aromatics

Value	Test criterion	Test species	Exposure duration	Source
> 6193	LC50	rat	4 h	Company data

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Value	Test criterion	Test species	Exposure duration	Source
> 23300	LC50	rat	4 h	Company data

Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexane

Value	Test criterion	Test species	Exposure duration	Source
< 25,2	LC50	rat	4 h	Company data

ethylbenzene

Value	Test criterion	Test species	Source
1432	LC50	rat	Company data

2-butanone oxime

Value	Test criterion	Test species	Exposure duration	Source
20	LC50	rat	4 h	Company data

SECTION 12: Ecological information**12.1 Toxicity****Toxicity to fish [mg/l]****Hazardous ingredients**

acetone				
Value	Test criterion	Test species	Exposure duration	Source
6210	LC50	Pimephales promelas (fat-head minnow)	96 h	Company data

dimethyl ether

Value	Source
> 1000	Company data

xylene

Value	Test criterion	Test species	Exposure duration	Source
2,6	LC50	Salmo gairdneri	96 h	Company data

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

propane			
Value	Test criterion	Exposure duration	Source
> 1000	LC50	96 h	Company data

isobutane	
Value	Source
27,98	Company data

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	
Value	Source
No data available	Company data

Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexane	
Value	Source
No data available	Company data

ethylbenzene			
Value	Test criterion	Exposure duration	Source
5,1	LC50	96 h	Company data

Toxicity to daphnia [mg/l]**Hazardous ingredients**

acetone				
Value	Test criterion	Test species	Exposure duration	Source
8800	EC50	Daphnia magna (Big water flea)	48 h	Company data

dimethyl ether	
Value	Source
> 4400	Company data

xylene				
Value	Test criterion	Test species	Exposure duration	Source
165	EC50	Daphnia magna (Big water flea)	48 h	Company data

propane				
Value	Test criterion	Test species	Exposure duration	Source
14,22	LC50	Daphnia magna (Big water flea)	48 h	Company data

isobutane	
Value	Source
14,22	Company data

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Hydrocarbons, C9, aromatics			
Value	Test criterion	Test species	Source
1 - 10	LC50	Daphnia magna (Water flea)	Company data

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics				
Value	Test criterion	Test species	Exposure duration	Source
3	EC50	Daphnia magna (Big water flea)	48 h	Company data

Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexane				
Value	Test criterion	Test species	Exposure duration	Source
3	EC50	Daphnia magna (Big water flea)	48 h	Company data

ethylbenzene				
Value	Test criterion	Test species	Exposure duration	Source
> 1,8	LC50	Daphnia magna (Big water flea)	48 h	Company data

Toxicity to algae [mg/l]
Hazardous ingredients

dimethyl ether	
Value	Source
154,917	Company data

xylene				
Value	Test criterion	Test species	Exposure duration	Source
2,2	EC50	Selenastrum capricornutum	73 h	Company data

propane				
Value	Test criterion	Test species	Exposure duration	Source
7,71	EC50	Scenedesmus quadricauda (Green algae)	96 h	Company data

isobutane	
Value	Source
7,71	Company data

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	
Value	Source
No data available	Company data

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cycloalkane, < 5% n-hexane	
Value	Source
No data available	Company data

ethylbenzene				
Value	Test criterion	Test species	Exposure duration	Source
7,7	EC50	Skeletonema costatum	96 h	Company data

**NOEC (daphnia) [mg/l]
Hazardous ingredients**

ethylbenzene				
Value	Test criterion	Test species	Exposure duration	Source
1	NOEC	Daphnia magna (Big water flea)	7 d	Company data

SECTION 13: Disposal considerations**13.1 Waste treatment methods**







Disposal considerations

Do not allow to enter into surface water or drains.
 Dispose of waste according to applicable legislation.
 Empty remaining contents.
 Empty packaging: Where possible recycling is preferred to disposal or incineration.
 Product: Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.

Waste Code

The following Waste Codes are only suggestions:
 160504 - gases in pressure containers (including halons) containing dangerous substances
 150104 - metallic packaging

SECTION 14: Transport information

	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	Druckgaspackungen, entzündbar
14.3 Transport hazard class(es)	2	2.1	2.1
14.5 Environmental hazards	Dangerous for the environment	Dangerous for the environment	Dangerous for the environment
Remarks	inflammable	(maximum 1 L) flammable	
Labels	2.1,U  	2.1,U  	2.1,U  
Category	2		

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
Classification Code	5F		
Tunnel restriction code	D		
Name affix	mixture	mixture	mixture
UN proper shipping name		AEROSOLS	Aerosols, flammable
EmS		F-D;S-U	
Stowage category		A	

14.6 Special precautions for user

Precautions No special measures are necessary.

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 applicable

SECTION 15: Regulatory information

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

VOC 650,6 g/l / 88,53 %
Decopaint regulation not relevant
Carcinogenic hazardous substance as per Annex II GefStoffV No
Restriction of occupation. no restriction
Classification in compliance with the Industrial Safety Regulation Extremely flammable

15.2 Chemical safety assessment

Safety assessment For this preparation a chemical safety assessment has been carried out. This safety data sheet contains more than one ES in an integrated form. Contents of the exposure scenarios have been included into sections 1.2, 8, 9, 12, 15 and 16 of this safety data sheet.
Additional regulations This Safety Data Sheet is prepared according to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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.
H225: Highly flammable liquid and vapour.

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

Commercial Product Name: FTC-ZA ZINC-ALU 400ML

Revision Date: 19.11.2020

Version: 1/en



Replaces version from: 12.03.2020

Print date: 19.11.2020

H226: Flammable liquid and vapour.
H229: Pressurised container: May burst if heated.
H280: Contains gas under pressure; may explode if heated.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H351: Suspected of causing cancer .
H373: May cause damage to organs through prolonged or repeated exposure .
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.
EUH208: Contains 2-butanone oxime. May produce an allergic reaction.

Wording of the hazard classes

Flam. Liq.: Flammable liquid
Eye Irrit.: Serious eye irritation
STOT SE: Specific target organ toxicity - single exposure
Flam. Gas: Flammable gas
Acute Tox.: Acute toxicity
Skin Irrit.: Skin irritation
Aquatic Acute: Hazardous to the aquatic environment
Aquatic Chronic: Hazardous to the aquatic environment
Asp. Tox.: Aspiration hazard
STOT RE: Specific target organ toxicity - repeated exposure
Carc.: Carcinogenicity
Eye Dam.: Serious eye damage
Skin Sens.: Skin sensitization
Aerosol: aerosols

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

Classification	Evaluation
Aerosol 1; H222 H229	Experimental data
Skin Irrit. 2; H315	Calculated
Eye Irrit. 2; H319	Calculated
STOT SE 3; H336	Calculated
Asp. Tox. 1; H304	Calculated
Aquatic Chronic 2; H411	Calculated

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.