

## MSDS- **VogaZinc-II**

PAGE 1/6

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VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

Version: 1.0

Product: **MSDS- VogaZinc-II**

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Date of print 20.09.2022

### 1. Identification

#### Product identifier

**VogaZinc-II**

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

Relevant identified uses: Product for construction chemicals

Recommended use: for industrial and professional users



#### Details of the supplier of the safety data sheet

##### Company:

VOGEL SYSTEMS

Operating Division Construction Chemicals

E-mail address: [info@vogel-systems.de](mailto:info@vogel-systems.de)

#### Emergency telephone number

International emergency number

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**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product identifier

Product name VogaZinc-II

2. Relevant identified uses of the substance or mixture and uses advised againstIdentified uses : Cement based grout. Applied by dry pack, rammed, trowelled, poured or pumped.3. Details of the supplier of the safety data sheetSupplier

Company name : Vogel co.

E-mail address: [info@vogel-systems.de](mailto:info@vogel-systems.de)**2 . HAZARDS IDENTIFICATION**

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product is not expected to be hazardous to the environment. PHYSICAL AND CHEMICAL HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

**HUMAN HEALTH**

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 R67
BUTANE	203-448-7	106-97-8	5-10%	F+;R12
ETHYLBENZENE	202-849-4	100-41-4	< 1%	F;R11 Xn;R20
ISOBUTANE	200-857-2	75-28-5	< 1%	F+;R12
ISOBUTYL ACETATE	203-745-1	110-19-0	1-5%	F;R11 R66
MINERAL SPIRITS	232-489-3	8052-41-3	1-5%	Xn;R65. N;R51/53. R10,R66.
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC		64742-94-5	< 1%	Xn;R65. N;R51/53. R66,R67.
XYLENE	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

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## 4 FIRST-AID MEASURES

### GENERAL INFORMATION

Move the exposed person to fresh air at once.

### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

### INGESTION

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention if any discomfort continues.

### SKIN CONTACT

Wash skin with soap and water. Get medical attention if any discomfort continues.

### EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

### SPECIAL FIRE FIGHTING PROCEDURES

Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

### SPECIFIC HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

### STORAGE PRECAUTIONS

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**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
ACETONE	WEL	500 ppm	1210 mg/m <sup>3</sup>	1500 ppm	3620 mg/m <sup>3</sup>
BUTANE	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>
ETHYLBENZENE	WEL	100 ppm(Sk)	441 mg/m <sup>3</sup> (Sk)	125 ppm(Sk)	552 mg/m <sup>3</sup> (Sk)
ISOBUTANE	WEL	800 ppm	1930 mg/m <sup>3</sup>	No std.	
ISOBUTYL ACETATE	WEL	150 ppm	724 mg/m <sup>3</sup>	187 ppm	903 mg/m <sup>3</sup>
MINERAL SPIRITS	OES	100 ppm	573 mg/m <sup>3</sup>	125 ppm	720 mg/m <sup>3</sup>
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	SUP	500 ppm		750 ppm	
XYLENE	WEL	50 ppm(Sk)	220 mg/m <sup>3</sup> (Sk)	100 ppm(Sk)	441 mg/m <sup>3</sup> (Sk)

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. In case of inadequate ventilation use suitable respirator.

**HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**HYGIENE MEASURES**

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol		
COLOUR	Varying		
ODOUR	of solvents		
PHYSICAL DATA	Information given concerns the major ingredient. 23	Flammable	
COMMENTS	gas.		
FLASH POINT (°C)	<- 40°C	AUTO IGNITION TEMPERATURE (°C)	410- 580
FLAMMABILITY LIMIT - LOWER(%)	1.8 %	FLAMMABILITY LIMIT - UPPER(%)	9.5 %

**10 STABILITY AND REACTIVITY****STABILITY**

Highly volatile.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

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## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Harmful by inhalation.

### SKIN CONTACT

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

### EYE CONTACT

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting.

### HEALTH WARNINGS

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

### ROUTE OF ENTRY

Inhalation.

### TARGET ORGANS

Central nervous system. Respiratory system, lungs.

### MEDICAL SYMPTOMS

Narcotic effect. Vapours may cause drowsiness and dizziness.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product is not expected to be toxic to aquatic organisms. Do not allow to enter drains, sewers or watercourses.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

UK ROAD CLASS	2, 5F	UK ROAD PACK GR.	#
PROPER SHIPPING NAME	AEROSOLS	ADR CLASS	Class 2: Gases
UN NO. ROAD	1950	ADR LABEL NO.	2.1
ADR CLASS NO.	2, 5F	RID CLASS NO.	2, 5F
ADR PACK GROUP	#	UN NO. SEA	1950
CEFIC TEC(R) NO.	20G5F	IMDG PAGE NO.	2102
RID PACK GROUP	#	EMS	F-D, S-U
IMDG CLASS	2	UN NO. AIR	1950
IMDG PACK GR.	#	AIR SUB CLASS	2.1
MARINE POLLUTANT	No.		
AIR CLASS	2		
AIR PACK GR.	#		



**15 REGULATORY INFORMATION****LABELLING**

Irritant



Extremely Flammable

**RISK PHRASES**

R12	Extremely flammable.
R36	Irritating to eyes.
R52/5	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
3	Repeated exposure may cause skin dryness or cracking.
R66	Vapours may cause drowsiness and dizziness.

**SAFETY PHRASES**

A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29	Do not empty into drains.
S51	Use only in well-ventilated areas.

**16 OTHER INFORMATION****RISK PHRASES IN FULL**

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.