

# Trade name: Kocide® 2000 Product no.: KOC\_2000\_CL Current version : 1.0.0, issued: 10.04.2024

Replaced version: -, issued: -

Region: GER

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

### 1.1 Product identifier Trade name

Kocide® 2000

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

**Relevant identified uses of the substance or mixture** Plant protection product Fungicide

Uses advised against No data available.

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

Address

Cosaco LLC 12701 Almeda Road Houston, TX 77045 USA Telephone no. +1 713-433-6404 e-mail SDS@cosaco.co

SDS@cosaco.com

Advice on Safety Data Sheet sdb\_info@umco.de

### 1.4 Emergency telephone number

3E's Global Incident Response Hotline number: Europe +1-760-476-3961 Asia Pacific +1-760-476-3960 Middle East/Africa +1-760-476-3959 Global Response Access Code: 334018 Account: 14537

ChemTel's Emergency Contact for US and Canada: 1-800-255-3924 (outside the U.S. +01-813-248-0585) U.S. POISON CONTROL CENTER: 800-222-1222

### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

### Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Acute Tox. 4; H302 Acute Tox. 4; H332 Aquatic Chronic 1; H410 Eye Irrit. 2; H319

### **Classification information**

Classification and labelling are based on toxicological studies performed on the product (mixture).

Classification and labelling with respect to water pollution risks are based on ecotoxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

## 2.2 Label elements

### Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)



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Hazard pictograms	₩ HS09
<b>Signal word</b> Warning	
Hazardous component(s copper dihydroxide	) to be indicated on label:
<b>Hazard statement(s)</b> H302+H332 H319 H410	Harmful if swallowed or if inhaled Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.
Hazard statements (EU) EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Precautionary statement P261 P270 P280 P305+P351+P338 P312 P337+P313 P391 P501	<ul> <li>Avoid breathing dust.</li> <li>Do not eat, drink or smoke when using this product.</li> <li>Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>Call a POISON CENTER/doctor if you feel unwell.</li> <li>If eye irritation persists: Get medical advice/attention.</li> <li>Collect spillage.</li> <li>Dispose of the product/receptacle according to current regulations.</li> </ul>

### 2.3 Other hazards

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### PBT assessment

The components of this product are not considered to be a PBT.

### vPvB assessment

The components of this product are not considered to be a vPvB.

### **SECTION 3: Composition/information on ingredients**

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

### Hazardous ingredients

No	Substance name		Addit	ional inforn	nation	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conc	entration		%
	REACH no					
1	copper dihydroxide					
	20427-59-2	Acute Tox. 4; H302	>=	50,00 - <	< 70,00	wt%
	243-815-9	Eye Dam. 1; H318				
	029-021-00-3	Acute Tox. 2; H330				
	-	Aquatic Acute 1; H400				
		Aquatic Chronic 1; H410				
2	Tetrasodium pyrop	hosphate				
	7722-88-5	Eye Dam. 1; H318	>=	5,00 - <	< 10,00	wt%
	231-767-1	Acute Tox. 4; H302				
	-					
	01-2119489794-17					
3	sodium hydroxide					



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1310-73-2	Skin Corr. 1A; H314	<	2,50	wt%
215-185-5	Met. Corr. 1; H290			
011-002-00-6	Eye Dam. 1; H318			
01-2119457892-27				

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	-	M = 10	M = 10
3	-	Skin Irrit. 2; H315: C >= 0,5% Eye Irrit. 2; H319: C >= 0,5% Skin Corr. 1B; H314: C >= 2% Skin Corr. 1A; H314: C >= 5%	-	-

### Acute toxicity estimate (ATE) values

Au			
No	oral	dermal	inhalative
1	500 mg/kg bodyweight		0,47 mg/l
2	301 mg/kg bodyweight		

### **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

### General information

Seek medical advice immediately. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. If the patient is likely to become unconscious, place and transport in stable sideways position. Poisonous symptoms can first be observed after several hours, therefore medical observation for at least 48 hours is necessary.

### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration.

### After skin contact

Wash off immediately with soap and water.

### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

### After ingestion

Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

### Effects

In case of fire, it releases copper oxides and carbon dioxide .

### **4.3** Indication of any immediate medical attention and special treatment needed Symptomatic treatment. Call the poison center

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

# Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Water spray jet; Foam

### **Unsuitable extinguishing media** High power water jet

# 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; copper oxide

### 5.3 Advice for firefighters



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Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Run-off water from fire fighting must not be discharged into drains or enter surface water.

# **SECTION 6: Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid dust formation.

### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

### 6.3 Methods and material for containment and cleaning up

Collect mechanically. When collected, handle material as described under the section heading "Disposal considerations".

# 6.4 Reference to other sections

No data available.

### **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

### Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). Avoid the formation and deposition of dust.

### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Do not inhale dust.

### Advice on protection against fire and explosion

Keep away from sources of heat and ignition. Take precautionary measures against static charges. Dust can form an explosive mixture with air.

### 7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place. Store in a dry place.

### Recommended storage temperature

Value

### 35 °C

### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

## Incompatible products

Do not store together with foodstuffs. Do not store together with: Acids

### Stoarge Class according TRGS 510 10-13 Combustik

Combustible and Non-combustible liquids and solids that cannot be assigned to storage class 1-8.

### 7.3 Specific end use(s)

### Industry solution

Always read the label and product information before use.

### **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

### DNEL, DMEL and PNEC values



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lo	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	Tetrasodium pyrophos	phate		7722-88-5 231-767-1
	inhalative DNEL value (consumer)	Long term (chronic)	systemic	2,79 mg/m <sup>3</sup>
			systemic	
	DNEL value (consumer) Substance name			CAS / EC no
<b>No</b> 1	DNEL value (consumer)	Exposure time	systemic Effect	

No	Substance name		CAS / EC no	l .
	ecological compartment	Туре	Value	
1	Tetrasodium pyrophosphate		7722-88-5	
			231-767-1	
	water	fresh water	0,05	mg/L
	water	marine water	0,005	mg/L
	water	Aqua intermittent	0,5	mg/L
	sewage treatment plant	-	50	mg/L

#### 8.2 **Exposure controls**

### Appropriate engineering controls

No data available.

### Personal protective equipment

### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. P2

Respiratory filter (part):

### Eye / face protection

Tightly fitting safety glasses (EN 166).

### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	nitrile rubber			
Material thickness	0,4	-	0,7	mm
Breakthrough time	>		480	min

### Other

Normal chemical work clothing. Thermal hazards - not applicable

### **Environmental exposure controls**

The mixture is very toxic to aquatic life with long lasting effects. Comply with all local or regional environmental regulations. See Section 15.

Use appropriate container to avoid environmental contamination. Prevent release into sewage system or water bodies. Do not clean application equipment in the immediate vicinity of surface water. Prevent entries via yard and street drains. See Sections 12 and 13.

# **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

### State of aggregation



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solid			
Form			
solid; granules			
Colour			
blue			
Odour			
characteristic			
pH value Value		9,1	
Reference temperature		9,1 20	°C
Concentration		10	g/l
Boiling point / boiling range			
Not applicable			
Melting point/freezing point Not applicable			
Decomposition temperature No data available			
Flash point			
No data available			
Ignition temperature No data available			
Auto-ignition temperature	Γ	0.40	
Value Comments	Product is not selfi	340 igniting.	°C
Explosive properties		0 0	
The product does not have explosive properties.			
Flammability			
The product is non-flammable.			
Lower explosion limit			
Not applicable			
Upper explosion limit			
Not applicable			
Vapour pressure Not applicable			
Relative vapour density No data available			
Relative density			
Not applicable			
Density			
Value Reference temperature		1,15 20	g/cm³ °C
·		20	<b>.</b>
Bulk density Value		880	kg/m <sup>3</sup>
Reference temperature			°C
		20	٠
Solubility in water		20	
	dispersible	20	



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### No data available

### Partition coefficient n-octanol/water (log value)

# No data available

### Kinematic viscosity

# Not applicable

### **Particle characteristics**

No data available

### 9.2 Other information

Other information

No data available.

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

### 10.1 Reactivity

Non-reactive when stored in the original container and under normal storage and use conditions.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

### 10.3 Possibility of hazardous reactions

No hazardous reactions when stored in the original container under normal storage conditions and applied according to the instructions for use.

# 10.4 Conditions to avoid

temperatures > 140 °C. Avoid raising dust.

# **10.5** Incompatible materials Acids

**10.6 Hazardous decomposition products** Copper oxides

### **SECTION 11: Toxicological information**

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acu	e oral toxicity			
No	Product Name			
1	Kocide® 2000			
LD5	)		1346	mg/kg
Spec	cies	rat		
Meth	lod	OECD 401		
Sour	ce	manufacturer		
LD5	)	300	- 2000	mg/kg
Spec	bies	rat		
Sour	ce	ECHA		
Com	ments	CAS 7722-88-5		
Eval	uation/classification	Based on available of	lata, the classification of	criteria are met.
Acut	te dermal toxicity			
No	Product Name			
1	Kocide® 2000			
LD5		>	5000	malka
-	-	rabbit	5000	mg/kg
Spec				
Meth		OECD 402		
Sour	ce	manufacturer		
Acu	te inhalational toxicity			
No	Product Name			
1	Kocide® 2000			



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LC5	0	1,311 mg/l
	o ation of exposure	1,311 mg/l 4 h
	e of aggregation	Dust/mist
Spe		rat
Met		OECD 403
Sou		manufacturer
	corrosion/irritation	
-	Product Name	
1	Kocide® 2000	and the structure of th
Sou		manufacturer
Eva	luation	non-irritant
Seri	ous eye damage/irritation	
	Product Name	
1	Kocide® 2000	
Sou	rce	manufacturer
Eva	luation	irritant
Res	piratory or skin sensitisation	
	Product Name	
1	Kocide® 2000	
-	te of exposure	Skin
Sou		manufacturer
Eva	luation/classification	Based on available data, the classification criteria are not met.
	te of exposure	respiratory tract
Sou	rce	manufacturer
Eva	luation/classification	Based on available data, the classification criteria are not met.
Gor	m cell mutagenicity	
	Product Name	
1	Kocide® 2000	
Sou		manufacturer
	luation/classification	Based on available data, the classification criteria are not met.
	roduction toxicity	
-	Product Name	
1	Kocide® 2000	
Sou	rce luation/classification	manufacturer
Eva		Not classified based on the component information.
Car	cinogenicity	
No	Product Name	
	Kocide® 2000	
Eva	luation/classification	Based on available data, the classification criteria are not met.
STO	)T - single exposure	
No		
1	Kocide® 2000	
	luation/classification	Based on available data, the classification criteria are not met.
	T - repeated exposure	
No	Product Name	
1	Kocide® 2000	
1		Based on available data, the classification criteria are not met.
1 Eva	Kocide® 2000 uation/classification	Based on available data, the classification criteria are not met.
1 Eval	Kocide® 2000	

### 11.2 Information on other hazards

Endocrine disrupting properties No data available.

Other information



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No data available.

# SECTION 12: Ecological information

## 12.1 Toxicity

Toxicity to fish (acute)			
No Product Name			
1 Kocide® 2000			
LC50		4,79	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	manufacturer		
Toxicity to fish (chronic)			
No data available			
Toxicity to Daphnia (acute)			
No Product Name			
1 Kocide® 2000			
EC50		1,61	mg/l
Duration of exposure		48	h
Species	Daphnia		
Method	OECD 202		
Source	manufacturer		
	•		
Toxicity to Daphnia (chronic)			
No Product Name			
1 Kocide® 2000			
NOEC		0,0025	mg/l
Duration of exposure		21	day(s)
Species	Daphnia		
Source	manufacturer		
Toxicity to algae (acute)			
No data available			
No data available Toxicity to algae (chronic)			
No data available			
No data available Toxicity to algae (chronic) No data available			
No data available Toxicity to algae (chronic) No data available Bacteria toxicity			
No data available Toxicity to algae (chronic) No data available			
No data available Toxicity to algae (chronic) No data available Bacteria toxicity No data available			
No data available Toxicity to algae (chronic) No data available Bacteria toxicity No data available			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available.			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available.         12.3 Bioaccumulative potential			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available.			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available.         12.3 Bioaccumulative potential         No data available.			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available.         12.3 Bioaccumulative potential         No data available.         12.4 Mobility in soil			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available.         12.3 Bioaccumulative potential			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2       Persistence and degradability         No data available.         12.3       Bioaccumulative potential         No data available.         12.4       Mobility in soil         No data available.	nt		
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2       Persistence and degradability         No data available         12.3       Bioaccumulative potential         No data available.         12.4       Mobility in soil         No data available.         12.5       Results of PBT and vPvB assessment	nt		
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available.         12.3 Bioaccumulative potential         No data available.         12.4 Mobility in soil         No data available.         12.5 Results of PBT and vPvB assessment		oduct are not con	sidered to be a PBT
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2       Persistence and degradability         No data available         12.3       Bioaccumulative potential         No data available.         12.4       Mobility in soil         No data available.         12.5       Results of PBT and vPvB assessment	The components of this pr		
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available         12.3 Bioaccumulative potential         No data available.         12.4 Mobility in soil         No data available.         12.5 Results of PBT and vPvB assessment         PBT assessment			
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2       Persistence and degradability         No data available         12.3       Bioaccumulative potential         No data available.         12.3       Bioaccumulative potential         No data available.         12.4       Mobility in soil         No data available.         12.5       Results of PBT and vPvB assessment         PBT assessment       vPvB assessment         vPvB assessment       vPvB assessment	The components of this pr		
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         Bacteria toxicity         No data available         12.2       Persistence and degradability         No data available         12.3       Bioaccumulative potential         No data available.         12.3       Bioaccumulative potential         No data available.         12.4       Mobility in soil         No data available.         12.5       Results of PBT and vPvB assessment         PBT assessment         vPvB assessment         vPvB assessment         vPvB assessment         12.6       Endocrine disrupting properties	The components of this pr		
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available         12.3 Bioaccumulative potential         No data available.         12.4 Mobility in soil         No data available.         12.5 Results of PBT and vPvB assessment         PBT assessment         vPvB assessment	The components of this pr		
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability         No data available         12.3 Bioaccumulative potential         No data available.         12.4 Mobility in soil         No data available.         12.5 Results of PBT and vPvB assessment         PBT assessment         vPvB assessment         vPvB assessment         vPvB assessment         vPvB assessment	The components of this pr		
No data available         Toxicity to algae (chronic)         No data available         Bacteria toxicity         No data available         12.2 Persistence and degradability No data available.         12.3 Bioaccumulative potential No data available.         12.4 Mobility in soil No data available.         12.5 Results of PBT and vPvB assessment         PBT assessment vPvB assessment         VPvB assessment         12.6 Endocrine disrupting properties No data available.	The components of this pr		

**SECTION 13: Disposal considerations** 

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### 13.1 Waste treatment methods

### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

### Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SEC	110N 14:	Transport Information	

14.1	UN number or ID number ADR/RID/ADN IMDG ICAO-TI / IATA	UN3077 UN3077 UN3077
14.2	UN proper shipping name ADR/RID/ADN Technical name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. copper dihydroxide
	IMDG Technical name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. copper dihydroxide
	ICAO-TI / IATA Technical name	Environmentally hazardous substance, solid, n.o.s. copper dihydroxide
14.3	Transport hazard class(es) ADR/RID/ADN - Class Label Classification code Tunnel restriction code Hazard identification no. IMDG - Class Label	9 9 M7 - 90 9
	<b>ICAO-TI / IATA - Class</b> Label	9 9
14.4	Packing group ADR/RID/ADN IMDG ICAO-TI / IATA	     
14.5	Environmental hazards ADR/RID/ADN IMDG EmS ICAO-TI / IATA	Symbol "fish and tree" Symbol "fish and tree" F-A, S-F Symbol "fish and tree"
14.6	6 Special precautions for user No data available.	

14.7 Maritime transport in bulk according to IMO instruments Not relevant

### **SECTION 15: Regulatory information**

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)



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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

### REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

# Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No	
1	acrylic acid	79-10-7	201-177-9	75	
2	copper dihydroxide	20427-59-2	243-815-9	75	
3	Limestone	1317-65-3	215-279-6	75	
4	sodium carbonate	497-19-8	207-838-8	75	
5	sodium hydroxide	1310-73-2	215-185-5	75	

 Directive 2012/18/EU
 on the control of major-accident hazards involving dangerous substances

 This product is subject to Part I of Annex I, risk category:
 E1

### National regulations

### Water Hazard Class (Germany)

Class Source

# Classified according to AwSV,

Recommendation of the Industrieverband Agrar e.V.: Plant protection products in consumer packaging are not divided into water hazard classes and are not labelled accordingly; however, they must be stored as if they were classified as WGK 3 (highly hazardous to water) (Germany).

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

3

### **SECTION 16: Other information**

### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

# Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

### Creation of the safety data sheet

### UMCO GmbH

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.



Trade name: Kocide® 2000 Product no.: KOC\_2000\_CL Current version : 1.0.0, issued: 10.04.2024

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