

# Safety Data Sheet

**Trade name:** KRONES colfix S 4001

**Current version :** 1.0.0, issued: 15.01.2021

**Replaced version:** -, issued: -

**Region:** USA

## SECTION 1: Identification

### 1.1 Product identifier

**Trade name**

**KRONES colfix S 4001**

### 1.2 Recommended use of the chemical and restrictions on use

**Recommended use of the chemical and restrictions on use**

Adhesive for labelling

**Restrictions on use**

No data available.

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

**Address**

KRONES INC.

9600 SOUTH 58TH STREET

PO BOX 321801

Franklin

WI 53132-6241

Telephone no. 001-414-409-4000

Fax no. 001-414-409-4140

e-mail sales@kronesusa.com

### 1.4 Emergency phone number

+1 866 928 0789 (Toll free)

## SECTION 2: Hazard(s) identification

### 2.1 Classification of the chemical

**Classification information**

This product is not subject to classification in accordance with paragraph (d) of 29 CFR § 1910.1200 "Hazard Communication".

### 2.2 Label elements

Not relevant

### 2.3 Labelling information

No data available

### 2.4 Hazards not otherwise classified (HNOC)

No data available

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

**Hazardous ingredients**

This product does not contain substances to be mentioned in accordance with paragraph (d) of 29 CFR § 1910.1200 "Hazard Communication".

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

**General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

**After inhalation**

Ensure supply of fresh air. In case of persisting adverse effects, consult a physician.

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## **After skin contact**

In case of contact with skin wash off with water. Consult a doctor if skin irritation persists.

## **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). Get medical attention if pain still persists.

## **After ingestion**

Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice.

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

No data available.

## **4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

## **SECTION 5: Fire-fighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Water spray jet; Dry chemical extinguisher; Foam

#### **Unsuitable extinguishing media**

Full water jet

### **5.2 Specific hazards arising from the chemical**

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

### **5.3 Special protective equipment and precautions for fire-fighters**

Use self-contained breathing apparatus. Wear protective clothing.

## **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. High risk of slipping due to leakage/spillage of product. Forms slippery surfaces with water.

#### **For emergency responders**

Personal protective equipment (PPE) - see Section 8.

### **6.2 Methods and materials for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in suitable container for disposal.

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

### **7.1 Precautions for safe handling**

#### **Precautions for safe handling**

Risks inherent to handling the product must be minimised by applying appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid eye, skin and clothing contact.

#### **General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

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

#### **Technical measures and storage conditions**

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

#### **Recommended storage temperature**

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Value > 0 °C

## Requirements for storage rooms and vessels

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

## Incompatible products

Substances to be avoided: see chapter 10. Do not store together with oxidizing agents.

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

No parameters available for monitoring.

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the PEL (=Permissible Exposure Limit), suitable respiratory protection must be worn.

#### Individual protection measures, such as 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.

##### Eye / face protection

Safety glasses with side protection shield

##### Hand protection

Sufficient protection is given wearing suitable protective gloves in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station 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 butyl rubber

Breakthrough time > 240 min

##### Other protection measures

Chemical-resistant work clothes.

## SECTION 9: Physical and chemical properties

### Form/Color

Dispersion; Viscous

beige

### Odor

characteristic

### Odor threshold

No data available

### pH value

Value 7 - 10

### Boiling point / boiling range

Value 100 °C  
Reference pressure 1013 hPa

### Melting point / melting range

Value 0 °C

### Decomposition point / decomposition range

No data available

### Flash point

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No data available		
Auto-ignition temperature		
No data available		
Oxidising properties		
No data available		
Explosive properties		
Product does not present an explosion hazard.		
Flammability		
No data available		
Lower flammability or explosive limits		
No data available		
Upper flammability or explosive limits		
No data available		
Vapor pressure		
Value	2.3	kPa
Reference temperature	20	°C
Vapor density		
No data available		
Evaporation rate		
No data available		
Relative density		
No data available		
Density		
Value	1.1	g/ml
Solubility in water		
Remarks	miscible	
Solubility(ies)		
No data available		
Partition coefficient: n-octanol/water		
No data available		
Viscosity		
Value	> 50000	mPa*s
Reference temperature	20	°C
Other information		
Other information		
No data available.		

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable at ambient temperature.

### 10.2 Chemical stability

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

### 10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

### 10.4 Conditions to avoid

None, if handled according to intended use.

### 10.5 Incompatible materials

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No data available.

## 10.6 Hazardous decomposition products

None, if handled according to intended use.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute oral toxicity

No data available

#### Acute dermal toxicity

No data available

#### Acute inhalational toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Reproduction toxicity

No data available

#### Carcinogenicity

No data available

#### NTP Report on Carcinogens (RoC)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed "known" (to be a human carcinogen) or "RAHC" (reasonably anticipated to be a human carcinogen).

#### OSHA Standards listing cancer as a health effect (Table VII.6.2)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed as carcinogenic.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) classified by the IARC Monographs.

#### STOT - single exposure

No data available

#### STOT - repeated exposure

No data available

#### Aspiration hazard

No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Toxicity to fish (acute)

No data available

#### Toxicity to fish (chronic)

No data available

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<b>Toxicity to Daphnia (acute)</b>
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No data available
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<b>Toxicity to Daphnia (chronic)</b>
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No data available
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<b>Toxicity to algae (acute)</b>
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No data available
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<b>Toxicity to algae (chronic)</b>
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No data available
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## 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 Other adverse effects

No data available.

## 12.6 Other information

<b>Other information</b>
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Do not discharge product unmonitored into the environment.
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## SECTION 13: Disposal considerations

### 13.1 Disposal considerations

No data available.

## SECTION 14: Transport information

### 14.1 US DOT (Department of Transportation)

The product is not subject to DOT regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, pls. see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 US Federal Regulations

<b>Toxic Substances Control Act (TSCA)</b>
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According to the data available and/or specifications supplied by upstream suppliers, all components of this product are on the TSCA Inventory or are exempted from notification requirements.
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<b>CERCLA (Comprehensive Environmental Response, Compensation and Liability Act)</b>
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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to Table 302.4 "List of Hazardous Substances and Reportable
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Quantities".

## **Clean Air Act (CAA): Hazardous Air Pollutants (HAPS)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Air Pollutants".

## **Clean Water Act (CWA) Section 307 (Toxic Pollutants) and Section 311 (Hazardous Substances)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

## **EPCRA SARA Section 313, Toxic Chemical Release Inventory**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to "SARA Reporting".

## **Emergency Planning & Community Right-to-Know Act (EPCRA) - Sections 302 and 304**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to reporting requirements.

## **Clean Air Act (CAA) - Section 602 Ozone depleting substances**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed as ozone depleting substance.

## **15.2 US State Regulations**

### **Pennsylvania State Right to Know Hazardous Substance List**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

### **New Jersey State Right to Know Hazardous Substance List**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

### **Massachusetts State Right to Know Hazardous Substance List**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

### **Right to Know - California State - Proposition 65**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

## **SECTION 16: Other information, including date of preparation or last revision**

### **16.1 Other information**

No data available.

### **16.2 Date of preparation/revision of the SDS**

Current version 1.0.0 15.01.2021

Replaced version - -

### **16.3 Department issuing safety data sheet**

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: [umco@umco.de](mailto:umco@umco.de)

### **16.4 Conclusions**

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.

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Prod-ID 760759

### **16.5 Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists

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ATE – Acute Toxicity Estimate  
BOD - Biochemical Oxygen Demand  
CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania  
CAS - Chemical Abstracts Service  
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
CFR - Code of Federal Regulations (US)  
CLP - Classification, Labelling, and Packaging  
DOT - Department of Transportation Commission  
ECHA – European Chemicals Agency  
EC / EL – Effective Concentration / Effective Loading  
EPA - Environmental Protection Agency  
IARC - International Agency for Research on Cancer  
IATA - International Air Transport Association  
IBC – Intermediate Bulk Container  
ICAO - International Civil Aviation Organization  
IDL - Ingredient Disclosure List  
IDLH - Immediately Dangerous to Life and Health  
IMDG - International Maritime Dangerous Goods  
IUCLID - International Uniform Chemical Information Database  
Kow - Octanol/water partition coefficient  
LD/LC - Lethal Dose/ Lethal Concentration  
MARPOL – Marine Pollution  
MEL - Maximum Exposure Limits  
NFPA - National Fire Protection Agency  
NIOSH - National Institute for Occupational Safety and Health  
NJTSR - New Jersey Trade Secret Registry  
NOEL/NOEC – No Observed Effect Level / No Observed Effect Concentration  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration  
PEL- Permissible Exposure Limit  
RCRA - Resource Conservation and Recovery Act  
SARA - Superfund Amendments and Reauthorization Act  
STEL - Short-term Exposure Limit  
STOT – Specific Target Organ Toxicity  
TDG - Transportation of Dangerous Goods  
TLV - Threshold Limit Value  
TSCA - Toxic Substances Control Act  
TWA - Time Weighted Average  
UN/NA - United Nations /North American  
US - United States  
VLE - Exposure Limit Value (Mexico)  
VOC – Volatile Organic Compounds