



# Safety Data Sheet

according to 29 CFR 1910.1200(g)

**GO 2011 speed****2012 0000**

Revision date: 11/02/2023

Product code: 20120000\_USA

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## 1. Identification

### Product identifier

GO 2011 speed 2012 0000

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

#### Use of the substance/mixture

Plaster and Alginate Remover, ready for use

#### Uses advised against

No information available.

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

#### Manufacturer

Company name: Renfert GmbH  
Street: Untere Giesswiesen 2  
Place: D-78247 Hilzingen  
Telephone: +49 7731 8208-0  
e-mail: info@renfert.com  
Contact person: Frau Andris  
e-mail: silke.andris@renfert.com  
Internet: www.renfert.com

#### Supplier

Company name: Renfert USA  
Street: 3718 Illinois Avenue  
Place: USA-60174 St. Charles IL  
Telephone: (001) 800336-7422  
e-mail: Bob@RenfertUSA.com  
Contact person: Charlie Hagy Telephone: +1 (630) 5497380  
e-mail: Charlie@RenfertUSA.com  
Internet: www.renfert.com

### Emergency phone number:

USA: 800-222-1222 (National Poison Control number) | CA: British Columbia:  
800-567-8911 or 604-682-5050 Alberta: 1-800-332-1414 or 944-1414 Saskatchewan:  
1-866-454-1212 Manitoba: 1-855-776-4766 Ontario: 1-800-268-9017 Quebec:  
1-800-463-5060 New Brunswick: 911 New Foundland: 1-866-727-1110 Northwest  
Territories: 1-800-332-1414 Nova Scotia: 1-800-565-8161

## 2. Hazard(s) identification

### Classification of the chemical

#### 29 CFR Part 1910.1200

Specific target organ toxicity repeated or prolonged exposure: STOT RE 2

### Label elements

#### 29 CFR Part 1910.1200

Signal word:

Warning

Pictograms:



#### Hazard statements

May cause damage to organs (respiratory system) through prolonged or repeated exposure if inhaled

#### Precautionary statements

Do not breathe mist/vapors/spray  
Wear protective gloves and eye/face protection.  
Get medical advice/attention if you feel unwell.

### Hazards not otherwise classified

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 3. Composition/information on ingredients

### Mixtures

#### Chemical characterization

Complexing agent



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## Hazardous components

CAS No	Components	Quantity
65501-24-8	Tripotassium hydrogen ethylenediaminetetraacetate	< 30 %
584-08-7	Potassium Carbonate	< 10 %

## 4. First-aid measures

### Description of first aid measures

#### General information

Take off contaminated clothing and wash it before reuse.

#### After inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

When in doubt or if symptoms are observed, get medical advice.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

If skin irritation occurs: Get medical advice/attention.

#### After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink 1 glass of water.

Medical treatment necessary.

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

No information available.

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

Treat symptomatically.

## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

### Specific hazards arising from the chemical

Thermal decomposition can lead to the escape of irritating gases and vapors.

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

No special fire protection measures are necessary.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### General advice

Provide fresh air. Use personal protection equipment.

### Environmental precautions

Do not allow to enter into surface water or drains.

### Methods and material for containment and cleaning up

#### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### Reference to other sections

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Provide adequate ventilation.

Avoid contact with skin, eyes and clothes.

Wear personal protection equipment (refer to section 8).

Do not eat, drink or smoke when using this product.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

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**Advice on general occupational hygiene**

- Do not breathe mist/vapors/spray.
- Wash hands before breaks and after work.
- Keep away from food, drink and animal feedingstuffs.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

- Keep only in the original container in a cool, well-ventilated place.

**Further information on storage conditions**

- Protect against: Heat. Heating causes rise in pressure with risk of bursting.
- Do not store at temperatures below 0 °C
- Recommended storage temperature: 5 - 35°C

**8. Exposure controls/personal protection****Control parameters****Additional advice on limit values**

- To date, no national critical limit values exist.

**Exposure controls****Appropriate engineering controls**

- See section 7. No additional measures necessary.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

- Wear eye/face protection.

**Hand protection**

- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. (EN ISO 374)

Suitable material: Butyl caoutchouc (butyl rubber), NBR (Nitrile rubber)

Thickness of the glove material: 0,4 mm

Breakthrough time: &gt; 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

**Respiratory protection**

- Usually no personal respirative protection necessary.
- Provide adequate ventilation.

**Environmental exposure controls**

- Do not allow to enter into surface water or drains.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Liquid	
Color:	colorless	
Odor:	odorless	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		100 °C
Flammability:		not applicable
Flash point:		not applicable
Auto-ignition temperature:		not applicable
Decomposition temperature:		not determined
pH-Value (at 20 °C):		8
Viscosity / kinematic:		not determined
Water solubility:		completely miscible
Partition coefficient n-octanol/water:		not determined
Vapor pressure: (at 20 °C)		23 hPa

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Density (at 20 °C):

1,10 - 1,30 g/cm<sup>3</sup>

Relative vapour density:

not determined

**Other information****Information with regard to physical hazard classes**

Explosive properties

not hazard of explosion according to EU A.14

**Other safety characteristics**

Solid content:

&gt; 30 %

**Further Information**

No further relevant information available.

**10. Stability and reactivity****Reactivity**

No hazardous reaction when handled and stored according to provisions.

**Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

No special measures are necessary.

**Incompatible materials**

No information available.

**Hazardous decomposition products**Carbon dioxide (CO<sub>2</sub>)**11. Toxicological information****Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (inhalation vapour) 44,00 mg/l; ATE (inhalation dust/mist) 6,000 mg/l

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
65501-24-8	Tripotassium hydrogen ethylenediaminetetraacetate				
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1,5 mg/l			

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure**

May cause damage to organs through prolonged or repeated exposure (Tripotassium hydrogen ethylenediaminetetraacetate)

Carcinogenicity (OSHA):

No ingredient of this mixture is listed.

Carcinogenicity (IARC):

No ingredient of this mixture is listed.

Carcinogenicity (NTP):

No ingredient of this mixture is listed.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components.

**12. Ecological information**

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**Ecotoxicity**

There are no data available on the mixture itself.

**Persistence and degradability**

There are no data available on the mixture itself.

**Bioaccumulative potential**

There are no data available on the mixture itself.

**Mobility in soil**

No information available.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

No information available.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components. Do not allow uncontrolled discharge of product into the environment.

**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

**14. Transport information****U.S. DOT 49 CFR 172.101****Proper shipping name:**

Not a hazardous material with respect to these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)****Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Special precautions for user**

not applicable

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

not applicable

**15. Regulatory information****U.S. Regulations****National regulatory information**

SARA Section 311/312 Hazards:

Tripotassium hydrogen ethylenediaminetetraacetate (65501-24-8): Immediate (acute) health hazard, Delayed (chronic) health hazard

Potassium Carbonate (584-08-7): Immediate (acute) health hazard

**State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable

REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on persistent organic pollutants: not applicable

Regulation (EU) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals: not applicable

**16. Other information****Hazardous Materials Information Label (HMIS)**

Health: 2

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Flammability: 0  
Physical Hazard: 0  
Personal Protection: B

**Changes**

Revision date: 11/02/2023  
Revision No: 2,0

Abs. 2, 3, 4, 7, 9, 11, 16 \* Data changed compared with the previous version.

**Abbreviations and acronyms**

PBT: persistent and bioaccumulative and toxic  
vPvB: very persistent, very bioaccumulative  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
ATE: Acute Toxicity Estimate  
LD50: lethal dose, 50%  
LC50: lethal concentration, 50%  
ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
VOC: volatile organic compound(s)

**Other data**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. Restricted to professional users.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*