

## Safety data sheet

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Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 18.08.2021

Product: **GLUTACHEM SANITISER**

Version: 1.0

(30721755/SDS\_GEN\_NZ/EN)

Date of print 27.08.2021

### 1. Substance/preparation and manufacturer/supplier identification

#### **GLUTACHEM SANITISER**

Recommended use: disinfectant

Not recommended use: None known

Manufacturer/supplier:

Chemetall (New Zealand) Ltd  
664 Rosebank Road Avondale,  
Auckland 1026  
NEW ZEALAND  
Telephone: 008 837 464, +64 9 820 3888  
Telefax number: +64 9 820 3979  
E-mail address: nzadmin@basf.com

Emergency information:

National Poisons Centre: 0800 764 766  
BASF Emergency Advice Number: 0800 944 955 (24 hour advice in an emergency only)  
BASF Emergency Advice Number: +61 3 8855 6666 (If calling from outside New Zealand)

### 2. Hazard identification

Classification of the substance and mixture:

Acute toxicity: Cat. 4 (oral)

Acute toxicity: Cat. 3 (Inhalation - vapour)

Skin corrosion/irritation: Cat. 1B

Serious eye damage/eye irritation: Cat. 1

Respiratory sensitization: Cat. 1

Skin sensitization: Cat. 1A

Specific target organ toxicity — single exposure: Cat. 3 (irritating to respiratory system)

Hazardous to the aquatic environment - acute: Cat. 1

Hazardous to the aquatic environment - chronic: Cat. 3

Label elements and precautionary statement:

Pictogram:



Signal Word:  
 Danger

Hazard Statement:

H314	Causes severe skin burns and eye damage.
H331	Toxic if inhaled.
H302	Harmful if swallowed.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.
H335	May cause respiratory irritation.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P271	Use only outdoors or in a well-ventilated area.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P272	Contaminated work clothing should not be allowed out of the workplace.
P260	Do not breathe dust or mist.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.
P284	In case of inadequate ventilation wear respiratory protection.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P391	Collect spillage.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310	Immediately call a POISON CENTER or physician.
P330	Rinse mouth
P362 + P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.

Precautionary Statements (Storage):

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P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

**Precautionary Statements (Disposal):**

P501 Dispose of contents and container to hazardous or special waste collection point.

**Other hazards which do not result in classification:**

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

### 3. Composition/information on ingredients

#### Chemical nature

organic, aqueous solution

#### Hazardous ingredients

glutaral

Content (W/W): $\geq 12.5\%$ - $< 15\%$ CAS Number: 111-30-8	Acute Tox.: Cat. 3 (oral) Acute Tox.: Cat. 2 (Inhalation - mist) Acute Tox.: Cat. 5 (dermal) Skin Corr./Irrit.: Cat. 1B Eye Dam./Irrit.: Cat. 1 Resp. Sens.: Cat. 1 Skin Sens.: Cat. 1A STOT SE: Cat. 3 (irr. to respiratory syst.) Aquatic Acute: Cat. 1 Aquatic Chronic: Cat. 2 M-factor acute: 1
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Methylalkohol

Content (W/W): $\geq 0.1\%$ - $< 0.2\%$ CAS Number: 67-56-1	Flam. Liq.: Cat. 2 Acute Tox.: Cat. 3 (Inhalation - vapour) Acute Tox.: Cat. 3 (oral) Acute Tox.: Cat. 3 (dermal) STOT SE: Cat. 1 STOT SE: Cat. 2
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Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, c

Content (W/W): $\geq 10\%$ - $< 12.5\%$ CAS Number: 63449-41-2	Aquatic Acute: Cat. 1 Skin Corr./Irrit.: Cat. 1B M-factor acute: 100
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4-Nonylphenol, branched, ethoxylated

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Content (W/W):  $\geq 1\%$  -  $< 2\%$   
CAS Number: 127087-87-0

Acute Tox.: Cat. 4 (oral)  
Eye Dam./Irrit.: Cat. 1  
Aquatic Chronic: Cat. 2

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## 4. First-Aid Measures

### General advice:

Immediately remove contaminated clothing. First aid personnel should pay attention to their own safety. Remove affected person from danger area.

### If inhaled:

Remove the affected individual into fresh air and keep the person calm. If breathing is irregular or stopped, administer artificial respiration.

### On skin contact:

Flush with copious amounts of water for at least 15 minutes. Immediate medical attention required.

### On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Immediate medical attention required. Remove contact lenses, if present.

### On ingestion:

Rinse mouth immediately with water. Summon medical aid without delay.

### Note to physician:

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Treatment: Symptomatic treatment (decontamination, vital functions).

Antidote: No known specific antidote.

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## 5. Fire-Fighting Measures

### Suitable extinguishing media:

carbon dioxide, alcohol-resistant foam, dry powder, water spray

### Unsuitable extinguishing media for safety reasons:

water jet

### Specific hazards:

carbon oxides

Hazardous decomposition products formed under fire conditions.

### Special protective equipment:

Appropriate breathing apparatus may be required.

### Further information:

Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

## 6. Accidental Release Measures

### Personal precautions:

Use personal protective clothing. Avoid breathing vapours. Keep away from sources of ignition. Ensure adequate ventilation. Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

### Environmental precautions:

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

### Methods for cleaning up or taking up:

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents. Ensure adequate ventilation.

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## 7. Handling and Storage

### Handling

Do not return residues to the storage containers. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

### Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame. The relevant fire protection measures should be noted.

### Storage

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP), Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: The entrance to storage rooms is to be granted only to appropriately trained personnel. Keep only in the original container. Keep in a cool, well-ventilated place. Protect from frost. Avoid direct sunlight.

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

glutaral, 111-30-8;

CLV 0.05 ppm (ACGIHTLV)

CLV 0.21 mg/m<sup>3</sup> ; 0.05 ppm (OEL (NZ))

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Methylalkohol, 67-56-1;

TWA value 200 ppm (ACGIHTLV)

STEL value 250 ppm (ACGIHTLV)

(OEL (NZ))

Exposure can also be estimated by biological monitoring.

STEL value 328 mg/m<sup>3</sup> ; 250 ppm (OEL (NZ))

Skin Designation (OEL (NZ))

Skin absorption can be significant.

TWA value 262 mg/m<sup>3</sup> ; 200 ppm (OEL (NZ))

Skin Designation (ACGIHTLV)

Danger of cutaneous absorption

Skin Designation (ACGIHTLV)

Danger of cutaneous absorption

#### Personal protective equipment

Respiratory protection:

Respiratory protection required if exposure limit (if available) may be exceeded (Gas filter EN 14387 A)

Hand protection:

Chemical resistant protective gloves (EN ISO 374-1)

butyl rubber (butyl) - 0.7 mm coating thickness

nitrile rubber (NBR) - 0.4 mm coating thickness

Performance level 6, corresponding to a breakthrough time of >480 min according to EN ISO 374-1

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

General safety and hygiene measures:

Do not breathe vapour/spray. Eye wash fountains and safety showers must be easily accessible.

Persons with a history of allergies, asthma, recurrent or chronic respiratory disease must not be employed in any process in which this product is used. Persons using this product should undergo lung function tests at regular intervals. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

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## 9. Physical and Chemical Properties

Form: liquid  
Colour: tan  
Odour: No data available.

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pH value:	< 3.0	
Melting point:		
onset of boiling:	not determined > 100 °C	
Flash point:	not applicable	
Evaporation rate:	not determined	
Flammability (solid/gas):	not applicable	
Lower explosion limit:	not determined	
Upper explosion limit:	not determined	
Ignition temperature:	not determined	
Self heating ability:	It is not a substance capable of spontaneous heating.	
Explosion hazard:	not explosive	
Fire promoting properties:	not fire-propagating	
Vapour pressure:	(20 °C) not determined	
	(50 °C) not determined	
Density:	1.000 g/cm <sup>3</sup> (20 °C)	
Relative vapour density (air):	not determined	
Solubility in water:	soluble	
Miscibility with water:	miscible	
Viscosity, kinematic:	6.0 mm <sup>2</sup> /s (20 °C)	
	(40 °C) not determined	
Flow time:	< 30 s	(DIN EN ISO 2431; 3 mm)

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## 10. Stability and Reactivity

Conditions to avoid:  
Avoid direct sunlight.

**Substances to avoid:**

None known during use and storage if used according to instructions.

**Hazardous reactions:**

No hazardous reactions when stored and handled according to instructions.

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Acute toxicity

**Assessment of acute toxicity:**

Of moderate toxicity after single ingestion. Of pronounced toxicity after short-term inhalation.

### Respiratory/Skin sensitization

**Assessment of sensitization:**

The substance may cause sensitization of the respiratory tract. Sensitization after skin contact possible.

### Germ cell mutagenicity

**Assessment of mutagenicity:**

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

### Carcinogenicity

**Assessment of carcinogenicity:**

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

### Reproductive toxicity

**Assessment of reproduction toxicity:**

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

### Developmental toxicity

**Assessment of teratogenicity:**

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

### Specific target organ toxicity (single exposure):

**Assessment of STOT single:**

Causes temporary irritation of the respiratory tract.

### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

**Assessment of repeated dose toxicity:**

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



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### Aspiration hazard

No aspiration hazard expected.

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## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:  
Harmful to aquatic life with long lasting effects. Very toxic to aquatic life. There are no test results available for this product. Do not allow to enter drains or waterways.

### Mobility

Assessment transport between environmental compartments:  
No data available.

### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):  
No data available concerning biodegradation and elimination.

### Bioaccumulation potential

Bioaccumulation potential:  
No data available.

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## 13. Disposal Considerations

Observe national and local legal requirements.

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## 14. Transport Information

### Domestic transport:

Packing group:	II
ID number:	UN 1760
Transport hazard class(es):	8, EHS
Proper shipping name:	CORROSIVE LIQUID, N.O.S. (contains Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, c)

### Further information

Hazchem Code:2X  
IERG Number:37

### Sea transport

IMDG

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Packing group: II  
ID number: UN 1760  
Transport hazard class(es): 8, EHSM  
Marine pollutant: YES  
Proper shipping name: CORROSIVE LIQUID, N.O.S. (contains Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, c)

#### **Air transport**

IATA/ICAO

Packing group: II  
ID number: UN 1760  
Transport hazard class(es): 8  
Proper shipping name: CORROSIVE LIQUID, N.O.S. (contains Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, c)

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## **15. Regulatory Information**

### **Other regulations**

Xn - Harmful.  
COR - Corrosive.  
sensitizing - sensitizing  
N - Dangerous for the environment.

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Tracking requirements do not apply to this substance.

A certified handler is not required for the handling of this substance.

HSNO Approval Number HSR002595

Industrial and Institutional Cleaning Products (Toxic [6.1], Corrosive) Group Standard 2017

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## **16. Other Information**

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.