

**GEMCUTS PTY LTD**

Date of Issue 10-03-2022

**SAFETY DATA SHEET  
PICKLE**

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Gemcuts Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Gemcuts Pty Ltd will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/ regulations. Gemcuts Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

**CLASSIFICATION OF MATERIAL**

This product is hazardous according to health criteria of Worksafe Australia

**1. IDENTIFICATION OF THE MATERIAL & SUPPLIER**

<b>Product</b>	Pickle, Sodium Acid Sulphate
<b>Recommended Use</b>	Cleaning Non-Ferrous Metal, Lower pH levels
<b>Supplier/Importer</b>	Gemcuts Pty Ltd
<b>ABN</b>	43 780 687 841
<b>Manufacturer</b>	Gemcuts Pty Ltd
<b>Address</b>	36A Smith Drive, West Ballina NSW 2478
<b>Telephone Number</b>	02 66811686
<b>Facsimile</b>	N/A
<b>Email</b>	admin@gemcuts.com.au
<b>Emergency Telephone</b>	131126 Poisons Information Centre 0427012014

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Signal Word:

WARNING

#### 2.2 Hazards Classification:

Hazardous Substance, Non-dangerous good.

#### 2.3 Hazard Phrase(s):

**H290:** May be corrosive to metals

**H318:** Causes serious eye damage

#### 2.4 Precautionary Phrase(s):

**P102:** Keep out of reach of children

**P232:** Protect from moisture

**P260:** Do not breathe dusts

**P262:** Do not get in eyes, on skin, or on clothing

**P270:** Do not eat, drink or smoke when using this product

**P281:** Use personal protective equipment as required

**P337:** If eye irritation persists, seek medical advice

**P352:** Wash with plenty of soap and water

**P301+P330+P331:** IF SWALLOWED, Rinse mouth, Do NOT induce vomiting

**P370+p378:** Not combustible. Use extinguishing media suited to burning material.

**P402+P404:** Store in a dry place. Store in a closed container

**P501:** Dispose of contents to an approved waste disposal plant and containers to landfill.

**Emergency Overview: Always seek medical attention if unwell or irritated by the use of this product.**

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Product Description:** White Crystals

**3.2 Contents**

Chemical Name	CAS Number	Proportion %
Sodium Bisulphate	7681-38-1	90-100%

### 4. FIRST AID MEASURES

**For advice, contact a Poisons Information Centre,**

**Phone (Australia) 131 126**

**Inhalation:** If inhaled, remove from contaminated area. If symptoms develop seek medical attention.

**Skin Contact:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

**Eye Contact:** If contact with the eye(s) occurs, wash with copious amounts of water for at least 15 minutes, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical if required.

**Ingestion:** Do not induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek medical attention.

**Seek immediate medical assistance if symptoms persist.**

**Notes to Doctor:** Treat Symptomatically

### 5. FIRE FIGHTING MEASURES

**5.1 Special Hazard:** None. There is no risk of an explosion from this product under normal circumstances.

**5.2 Fire Fighting Advice:** Fire fighters should use self-contained breathing apparatus.

**5.3 Suitable Extinguishing Media:** Use extinguishing media most appropriate for the surrounding fire.

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### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Action:** Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient protection to minimize skin and eye exposure. Sweep up material avoiding dust and then transfer material to a suitable container. Wash surfaces well, with soap and water. Seal all wastes in labelled plastic containers for disposal.

If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

### 7. HANDLING & STORAGE

**7.1 Handling Advice:** Avoid generating dust. Use smallest possible amounts in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks, etc.) readily available.

Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet.

**7.2 Storage Advice:** Store in a cool, dry well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from water and incompatible materials. Have appropriate fire extinguishers available in and near the storage area.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Occupational Exposure Limits:

Sodium Tetraborate Decahydrate 12179-04-3 1mg/m<sup>3</sup>

**8.2 Engineering Control Measures:** Ensure ventilation is adequate. Avoid generating and breathing in dusts or fumes. Use with local and/or mechanical exhaust ventilation.

#### 8.3 Personal Protective Equipment:

**Clothing:** Wear appropriate clothing including chemical resistance apron where clothing is likely to be contaminated.

**Skin Protection:** Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.

**Eye Protection:** Safety glasses with side shields, goggles or full-faced shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

**Respiratory protection:** If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants.

**Personal hygiene:** Always wash hands after using this product.

### 9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Solid
Colour:	White
Odour:	Slightly Acidic
Size (millimetres)	Small granules
Weight (grams)	Various
Solubility:	286g/L @ 25°C
Density	2.43
Flash Point (°C):	N/A
Boiling Point (°C)	N/A
Ph	<1

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### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable under normal conditions

**Conditions to Avoid:** Keep containers tightly closed, containers should be kept dry. Avoid extremes of temperature and direct sunlight.

**Hazardous Reactions:** Will not occur

**Incompatible Materials:** Oxidising agents, chlorites, hypochlorite's and sulphites.

**Hazardous Decomposition Products:** When heated above 240°C, evolves suffocating and toxic fumes.

### 11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Acute Toxicity** - Oral - LD50 (rat): 2800 mg/kg.

**Ingestion:** Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

**Inhalation:** Inhalation of mists or vapours will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

**Skin:** Skin contact may cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.

**Eye:** Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

**Carcinogenicity:** Not a known carcinogen

**Reproductive Toxicity:** No Data

**Chronic Effects:** No data for health effects associated with long term ingestion.

### 12. ECOLOGICAL INFORMATION

**This product is unlikely to adversely affect the environment.**

**Acute Toxicity** – N/A

**Acute Toxicity** – N/A

**Ecotoxicity:** N/A

**Persistence and degradability:** N/A

**Bio accumulative Potential:** N/A

**Biological Properties:** N/A

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### 13 DISPOSAL CONSIDERATIONS

Do not discharge this product to natural waterways, stormwater channels or sewers. This product is not a hazardous waste and it can, in small quantities be disposed to landfill in accordance with local regulations.

Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.

### 14. TRANSPORT INFORMATION

**Shipping Name:** Sodium Bisulphate

- 14.1 **Road and Rail Transport:** Not classified as hazardous or dangerous
- 14.2 **Marine Transport:** Not classified as hazardous or dangerous
- 14.3 **Air Transport:** Not classified as hazardous or dangerous

### 15. REGULATORY INFORMATION

**Work Health and Safety Regulation 2017**

**Safe Work Australia HCIS**

**GHS 7**

**NTC**

**ADG**

### 16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Gemcuts Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Gemcuts Pty Ltd at the contact details on page 1.

Gemcuts Pty Ltd responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.