

GEMCUTS PTY LTD

Date of Issue 10-12-2020

**SAFETY DATA SHEET
GEMPRO ULTRASONIC CLEANER CONCENTRATE**

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 Material is a Hazardous, Non-Dangerous Good according to Safe Work Australia

1. IDENTIFICATION OF THE MATERIAL & SUPPLIER

Product	Gempro Ultrasonic Cleaner, Magic Green
Recommended Use	Powdered Ultrasonic Cleaning for Jewellery
Supplier/Importer	Gemcuts Pty Ltd
ABN	43 780 687 841
Manufacturer	Euro Tool Inc
Address	36A Smith Drive, West Ballina NSW 2478
Telephone Number	02 66811686
Facsimile	N/A
Email	admin@gemcuts.com.au
Emergency Telephone	131126 Poisons Information Centre 0427012014

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2. HAZARDS IDENTIFICATION

Signal Word: Danger

2.1 Hazards Classification:

Skin Corrosion/Irritation: Category 2

Eye Irritation: Category 1

STOT Single Exposure: Category 3

2.2 Hazard Category:

Hazardous Substance, Non-Dangerous Good

2.3 Hazard Phrase(s):

H302: Harmful if Swallowed

H315: Causes Skin Irritation

H318: Causes Serious Eye Irritation

H335: May cause respiratory irritation

2.4 Precautionary Phrase(s):

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P264: Wash thoroughly after handling

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

P273: Avoid release to the environment.

P281: Use personal protective equipment as required

Emergency Overview: Always seek medical attention if unwell or irritated using this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Product Description:** Greenish Yellow Powder

3.2 **Contents**

Chemical Name	CAS Number	Proportion %
Ethylenediaminetetraacetate	13235-36-4	1-5
Trisodium Phosphate	7601-54-9	1-5

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre,

Phone (Australia) 131 126

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If feeling unwell or struggling with breathing Seek medical attention.

Skin Contact: IF ON SKIN (OR HAIR): Rinse skin with water/shower. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical attention.

Eye Contact: IF IN EYES: Rinse continuously with water for several (15) minutes. Remove contact lens if present and easy to do. Continue rinsing. If irritation persists, Get medical attention.

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Give a glass or 2 of water to dilute and seek medical attention.

Notes to Doctor: Treat symptomatically

Seek immediate medical assistance if symptoms persist or in the case of over exposure.

5. FIRE FIGHTING MEASURES

5.1 Special Hazard: No fire or explosive hazards.

5.2 Suitable Extinguishing Media: Not flammable, use media for the surrounding fire.

5.3 Fire Fighting Advice: Use self-contained breathing apparatus.

5.4 Decomposition Hazard: Burning or thermal decomposition can produce, phosphorus oxides, carbon monoxide, carbon dioxide, sodium oxides, and other toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

Emergency Action:

Wear appropriate PPE. Avoid contact and do not breathe in dust/fumes.

Avoid release to the environment.

Sweep up spills and Dispose of absorbed material in accordance with local, state and federal regulations.

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7. HANDLING & STORAGE

7.1 Handling Advice: Keep away from incompatible materials, use appropriate safety equipment, avoid eye and skin contact, Avoid inhalation of dust, May cause respiratory irritation, Harmful if swallowed, Do not allow smoking and food consumption while handling, Wash thoroughly after handling, Avoid release to the environment

7.2 Storage Advice: KEEP OUT OF REACH OF CHILDREN, keep container closed when not in use, Store away from incompatible materials (See 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits:

Not Available. Ensure levels of dust are below the national standard of 10mg/m³

8.2 Engineering Control Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Eye wash station.

8.3 Personal Protective Equipment:

CHEMICAL GLOVES, CHEMICAL GOGGLES, AIR RESPIRATOR (AS/NZS 1715 and AS/NZS 1716)

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Solid
Colour:	Greenish yellow
Odour:	Similar to Detergent
Solubility:	Soluble
Size	Approx. 130x230x40mm
Weight	100g
Density	N/A
Melting Point (°C):	N/A
Flash Point (°C)	Not Flammable
pH	10.7 at 3% solution

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10. STABILITY & REACTIVITY

Chemical Stability: Stable when stored below 49°C.

Conditions to Avoid: Incompatible materials.

Hazardous Reactions: Will not occur.

Incompatible Materials: Strong oxidizing agents, strong acids.

Hazardous decomposition products: Burning or thermal decomposition can produce, sulphur oxides, phosphorus oxides, carbon monoxide, carbon dioxide, and other 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 Effects

Routes of Exposure: Eye contact, skin contact, ingestion, inhalation (mist, vapours).

Eye Contact: Causes serious eye irritation, redness, tearing, pain, or possible corneal injury.

Skin Contact: Can cause skin irritation, redness, drying or cracking.

Ingestion: Harmful if swallowed, can cause irritation, of the mouth, throat, and oesophagus, Slight acute toxicity if swallowed.

Inhalation: Dust can cause irritation, to mucus membranes or respiratory tract.

Chronic Effects

Eye: Causes serious eye damage, redness, tearing, pain.

Skin: Causes skin irritation, redness, burning, drying or cracking.

Ingestion: Harmful if swallowed, causes irritation, of the mouth, throat, and oesophagus, Moderate acute toxicity if swallowed.

Inhalation: Dust can cause irritation, to nose, throat, mucus membranes or respiratory tract.

Acute Tox Calculated

Oral: 9,611mg/kg **Dermal:** 25,398mg/kg **Inhaled:** 162mg/L

ACUTE TOXICITY	Type	Form	Subject	Result Value	Exposure Time	GHS Category
Trisodium Phosphate	LD50	Oral	Rat	7400 mg/kg		(>2000 mg/kg)
Ethylenediaminetetraacetate	LD50	Oral	Rat	630 mg/kg		(>2000 mg/kg)

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12. ECOLOGICAL INFORMATION

CHEMICAL NAME	Type	Subject	Result	Exposure Time	GHS Category
Trisodium phosphate	LD50	Mosquito Fish	28.5 mg/L	96 Hours	3 (>10, ≤100 mg/L)
Ethylenediaminetetraacetate	EC50	Water Flea	625 mg/L	48 Hours	4 (>100 mg/L)
	LC50	Bluegill	41 mg/L	96 Hours	3 (>10, ≤100 mg/L)

Persistence/Degradability: Phosphates may persist in the environment

Bioaccumulation Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: Harmful to aquatic life

13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.

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

14. TRANSPORT INFORMATION

Road and Rail:

Not regulated

Marine:

Not regulated

Air:

Not regulated

15. REGULATORY INFORMATION

Work Health and Safety Regulation 2017

Safe Work Australia HCIS

IMDG

NTC

ADG

SAFTEY DATA SHEET**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.