

GEMCUTS PTY LTD

Date of Issue 7-11-2019

**SAFETY DATA SHEET
LIVER OF SULFUR XL GEL**

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**Hazardous material Non-dangerous goods.****1. IDENTIFICATION OF THE MATERIAL & SUPPLIER**

Product	Liver of Sulfur XL Gel
Recommended Use	Oxidising agent
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 66911686
Facsimile	N/A
Email	admin@gemcuts.com.au
Emergency Telephone	131126 Poisons Information Centre 0427012014

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2. HAZARDS IDENTIFICATION

WARNING: Eye and skin irritant.

2.1 Hazards Classification:

Skin Irritant: Cat 2

Eye Irritant: Cat 2B

NFPA HAZARD RATING	Fire: 0	Health: 1	Reactivity: 0
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2.2 Hazard Category: Hazardous substance. Non-Dangerous Goods

2.3 Risk Phrase(s):

H315: Causes skin irritation

H320: Causes eye irritation

2.4 Precautionary Phrase(s):

P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P332+P313: IF SKIN irritation occurs: Get medical advice/attention.

P337+P313: IF eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: wash with plenty of water.

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Product Description: Black Gel with a sulphurous odour.

3.2 Contents

Chemical Name	CAS Number	Proportion %
Potassium Trisulfide	37488-75-8	5-10%
Potassium Thiosulfate Hydrated	10294-66-3	15-35%
Trade secret		60-90%

***Trade secret ingredients are non-hazardous**

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre,

Phone (Australia) 131 126

Inhalation: Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist. In case of unconsciousness, place patient securely on side position for transportation.

Skin Contact: Wash with plenty of water. Remove contaminated clothing and seek medical attention if skin irritation occurs.

Eye Contact: Wash with plenty of water. Remove contact lenses. Continue to flush with water. Seek medical attention if irritation occurs.

Ingestion: Never give anything in the mouth to an unconscious person. Seek medical attention if irritation occurs.

Seek immediate medical assistance for advice or attention if any adverse reaction occurs.

5. FIRE FIGHTING MEASURES

5.1 Explosion Hazard: Flammable solid. Not known to be an explosion hazard.

5.2 Fire Fighting Advice: Use full protective gear including self-contained breathing apparatus.

5.3 Suitable Extinguishing Media: Any means possible to extinguish the fire in the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

Emergency Action: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the collected material according to regulations.

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7. HANDLING & STORAGE

7.1 Handling Advice: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

7.2 Storage Advice: Store in cool, dry conditions in well-sealed receptacles. Store away from strong acids, strong bases, strong oxidizing agents, strong reducing agents, halogens, halogenated organic compounds, carbonated waters, acid salts, combustible materials, and reactive metals (Zinc & Aluminium) and their alloys (Brass, etc.).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits:

***Trade Secret:**

PEL: Long-term value: 15* 5** mg/m³mist; *total dust **respirable fraction

TLV: TLV withdrawn-insufficient data human occup. Exp

8.2 Engineering Control Measures: Ensure ventilation is adequate. Avoid generating and breathing in dusts. Use with local and/or mechanical exhaust ventilation. If inadequate ventilation use dust mask/respirator.

Eye wash station should be present.

8.3 Personal Protective Equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, APPROVED RESPIRATOR.

Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet, Wash contaminated clothing and other protective equipment before storage or re-use.

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9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Gel
Colour:	Black
Odour:	Rotten egg/sulphurous
Size (millimetres)	105mm x 35mm
Weight (grams)	35g
Solubility:	Soluble
Boiling Point (°C)	290°C
Flash Point (°C):	190°C
Ignition Point (°C)	400°C

10. STABILITY & REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions to Avoid: No data.

Hazardous Reactions: None known.

Incompatible Materials: Strong acids, strong bases, strong oxidizing agents, strong reducing agents, halogens, halogenated organic compounds, carbonated waters, acid salts, combustible materials, and reactive metals (Zinc & Aluminium) and their alloys (Brass, etc.).

Hazardous Decomposition: No dangerous decomposition products known. Oxides of Carbon, Potassium and Sulfur.

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:

*Trade Secret:

Oral LD50 12600 mg/kg (rat)

Dermal LD50 >10000 mg/kg (rabbit)

Inhalation LC50/96 hours >50.000 mg/l (Trout)

Primary Irritant to eyes, skin and mucous membranes.

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12. ECOLOGICAL INFORMATION

No data

13 DISPOSAL CONSIDERATIONS

Do not dispose of in landfill or allow to enter waterways.
Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.

14. TRANSPORT INFORMATION

Not Regulated:

14.1 **Road and Rail Transport:** Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

14.2 **Marine Transport:** Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

14.3 **Air Transport:** Not Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Work Health and Safety Regulation 2017 Chapter 3 Part 3.2 Division 7

NTC

Worksafe

GHS

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.