

HEINIGER SHEARERS ADHESIVE

Safety Data Sheet

1. Identification

GHS Product Identifier	HEINIGER SHEARERS ADHESIVE
Company Name	CSA Trading Pty Ltd
Address	21-23 Joseph Street Blackburn North Victoria, 3130 Australia
Telephone/Fax Number	Phone: +61 3 9895 4333 Fax: +61 3 9899 4519
Emergency Phone Number	24 hours
Recommended use of the chemical and restrictions on use	Latex
Other Information	This SDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

2. Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

GHS Classification of the substance/mixture	Acute Tox. (Inhalation) 3 Skin Corr. 1B Eye Dam. 1 Aquatic Chronic 2 Aquatic acute 2
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Signal Word(s)	DANGER
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Hazard Statement(s)	H331 Toxic if inhaled. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H401 Toxic to aquatic life.
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Precautionary Statements	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P273 Avoid release to the environment. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P321 Specific treatment (see on this label). P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P363 Wash contaminated clothing before reuse. P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce
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vomiting.
P391 Collect spillage.
P405 Store locked up.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

3. Composition/Information on Ingredients

Chemical Characterization	Mixtures									
Description	Mixture of substances listed below with nonhazardous additions.									
Ingredients	<table><thead><tr><th>Name</th><th>CAS</th><th>Proportion</th></tr></thead><tbody><tr><td>Ammonia, anhydrous</td><td>7664-41-7</td><td><10%</td></tr><tr><td>Di(benzothiazol-2-yl) disulphide</td><td>120-78-5</td><td>0.5%</td></tr></tbody></table>	Name	CAS	Proportion	Ammonia, anhydrous	7664-41-7	<10%	Di(benzothiazol-2-yl) disulphide	120-78-5	0.5%
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Ammonia, anhydrous	7664-41-7	<10%								
Di(benzothiazol-2-yl) disulphide	120-78-5	0.5%								

4. First-Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.
Skin Contact	In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.
Eye Contact	In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms persist.
Ingestion	If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Symptoms Caused by Exposure:	Inhalation: Toxic if inhaled. May cause respiratory irritation, breathing difficulties, headache, drowsiness, dizziness and nausea. Skin Contact: Causes severe skin burns. May cause redness or rash. The thiazole compound may cause skin sensitisation. Eye Contact: Causes serious eye damage. May cause eye redness, stinging, tearing, swelling and blurred vision. Ingestion: May cause gastrointestinal irritation, abdominal pain, nausea and vomiting. Large quantities may coagulate and obstruct the gastrointestinal tract.

5. Fire-Fighting Measures

Suitable Extinguishing Media	Use fire extinguishing methods suitable to surrounding conditions.
Specific Hazards	Hazardous combustion products include oxides of carbon. Product is non flammable and non combustible. Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.
Special Protective Equipment and Precautions for Fire Fighters	When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6. Accidental Release Measures

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Personal Precautions, Protective Equipment and Emergency Procedures	Wear approved respiratory protection, chemical resistant gloves, safety glasses, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.
Environmental Precautions	In the event of a major spill, prevent spillage from entering drains or water courses.
Methods and Materials for Containment and Cleaning Up	Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Do not use combustible materials such as sawdust. Collect the spilled material and place into a suitable container for disposal.

7. Handling and Storage

Precautions for Safe Handling	Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure. Contaminated work clothing must not be allowed out of the workplace.
Conditions for safe storage	Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames, hot surfaces, direct sunlight and freezing. Protect containers from physical damage. Keep away from strong oxidising agents.

8. Exposure Controls/Personal Protection

Occupational exposure limit values	Name	STEL		TWA	
		<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>
CAS No. 7664-41-7	Ammonia, anhydrous	24	35	17	25

Appropriate Engineering Controls	Maintain air concentration below occupational exposure standards, providing adequate ventilation.
Respiratory Protection	Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.
Skin Protection	Impervious gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501

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for more information.

Eye and Face Protection Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9. Physical and Chemical Properties and Safety Characteristics

Appearance	
-Form	Liquid
-Colour	Opaque milky white
-Odour	Ammonia odour
Odour Threshold	No information available
pH value	No information available
Melting Point/Melting Range	No information available
Initial Boiling Point/Boiling Range	~100°C
Flash Point	N/A
Flammability	Product is not flammable
Auto Ignition Temperature	N/A
Decomposition Temperature	N/A
Explosion Limits	
-Lower	N/A
-Upper	N/A
Vapour Pressure	No information available
Relative Density	~0.93
Vapour Density	No information available
Evaporation Rate	No information available
Solubility in water	Soluble

10. Stability and Reactivity

Possibility of hazardous reactions	Hazardous polymerisation will not occur. Possible hazardous reaction with strong oxidising agents.
Chemical Stability	Stable at ambient temperature and under normal conditions of use.
Conditions to Avoid	Heat, sparks, open flames, hot surfaces and direct sunlight.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Oxides of carbon.

11. Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:		
7664-41-7 Ammonia, anhydrous		
Oral	LD ₅₀	350 mg/kg (rat)
Dermal	LD ₅₀	2000 mg/kg (rabbit)

Acute Health Effects:

Inhalation Toxic if inhaled. May cause respiratory irritation, breathing difficulties, headache, drowsiness, dizziness and nausea.

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Skin contact	Causes severe skin burns. May cause redness or rash. The thiazole compound may cause skin sensitisation.
Eye contact	Causes serious eye damage. May cause eye redness, stinging, tearing, swelling and blurred vision.
Ingestion	May cause gastrointestinal irritation, abdominal pain, nausea and vomiting. Large quantities may coagulate and obstruct the gastrointestinal tract.
Skin Corrosion / Irritation	Causes severe skin burns.
Serious Eye Damage / Irritation	Causes serious eye damage.
Respiratory or Skin Sensitisation	Based on classification principles, the classification criteria are not met.
Germ Cell Mutagenicity	Based on classification principles, the classification criteria are not met.
Carcinogenicity:	This product does NOT contain any IARC listed chemicals.
Reproductive Toxicity	Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Single Exposure	Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Repeated Exposure	Based on classification principles, the classification criteria are not met.
Aspiration Hazard	Based on classification principles, the classification criteria are not met.
Chronic Effects	Repeated or prolonged skin exposure may cause dermatitis. Prolonged over exposure may lead to respiratory disorders.
Existing Conditions Aggravated by Exposure	Exposure may aggravate existing dermatitis and skin sensitivity.

12. Ecological Information

Ecotoxicity:	No information available
Aquatic toxicity	Toxic to aquatic life with long lasting effects.
Persistence and Degradability	No information available
Bioaccumulative Potential	No information available
Mobility in Soil	No information available
Other adverse effects	No information available

13. Disposal Considerations

Disposal Methods and Containers	Dispose according to applicable local and state government regulations.
Special Precautions for Landfill or	Please consult your state Land Waste Management Authority for

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Incineration more information.

14. Transport Information

UN Number Not regulated
Proper Shipping Name Not regulated
Dangerous Goods Class Not regulated
Packing Group: Not regulated
Marine pollutant Symbol (fish and tree)

15. Regulatory Information

Australian Inventory of Chemical Substances:

7664-41-7 Ammonia, anhydrous
120-78-5 Di(benzothiazol-2-yl) disulphide

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 6

16. Other Information

Date of preparation or last revision of SDS 14/10/16
Contact Person/Point CSA Trading Pty Ltd
Phone: +61 3 9895 4333 (International)
Fax: +61 3 9899 4519 (International)

Poisons Information Centre
13 11 26 (Australia)
0800 764 766 (New Zealand)

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society) LC₅₀: Lethal concentration, 50 percent
LD₅₀: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants) Press. Gas C: Gases under pressure: Compressed gas
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Acute Tox. (Inhalation) 3: Acute toxicity, Hazard Category 3
Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Skin Sens. 1: Skin sensitisation, Hazard Category 1
Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1
Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

The information and recommendations set down here in this document are presented in good faith and to the best of CSA Trading's knowledge. CSA Trading Pty Ltd cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle

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and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representations or warranties, either expressed or implied, or merchantability, fitness for purpose or any other nature are made hereunder with respect to the product to which this information refers.