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MATERIAL SAFETY DATA SHEET

MSDS 175

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1. Product and Company Identification

- 1.1 PRODUCT NAME:** CHEVALINE CHEMGLAZE CLEAR
- 1.2 USE OF PRODUCT** Waterbased polyurethane finish for use in arduous interior/exterior service areas.
- 1.3 SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
Fax: +64 3 578 0919
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**
Telephone: 0800 764 766

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon - Fri

2. Hazards Identification

- 2.1 Classification:**
This product is a hazardous and a non-dangerous good.
- 2.2 Risk & Safety Phrases:**
R36/37/38
S23,24/25,37/39,38
- The full text of each R & S phrases are listed in Section 16.

3. Composition/Information on Ingredients

- 3.1 Chemical Characterization (Preparation):**
This product is a preparation

3.2 Hazardous Ingredients:

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION
872-50-4	N Methyl-2-pyrrolidone	<10.0%	R36/37/38
121-44-8	Triethylamine	<5.0%	R36/37/38



- 3.3** Only ingredients, additives and impurities which are classified and contribute to the classification of the product are included in this section.

4. First Aid Measures

- 4.1 After Inhalation:**
Remove person to fresh air.
- 4.2 After Skin Contact:**
Wash with soap and water as a precaution. If skin irritation develops, consult a doctor.
- 4.3 After Eye Contact:**
Rinse with plenty of water for at least 10 minutes, while holding eyelid open. If eye irritation persists, consult a doctor.
- 4.4 After Ingestion:**
Drink 1 or 2 glasses of water. Consult a doctor if necessary. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:**
Use extinguishing media appropriate for surrounding fire.
- 5.2 Protective Equipment:**
Wear self contained breathing apparatus and protective suit.
- 5.3 Specific Hazards:**
Material can splatter above 100°C. Dried product can burn.
- 5.4 Combustion Products:**
Carbon monoxide, carbon dioxide, fumes and smoke.

6. Accidental Release Measures

- 6.1 Preliminary Action and Precautions:**
- 6.1.1** Use personal protective equipment.
- 6.1.2** Keep people away from and upwind of spill/leak.
- 6.1.3** Material can create slippery conditions.
- 6.1.4** Contain spills immediately with inert materials (eg. sand, earth etc.)
- 6.1.5** Transfer liquids and solid diking material to suitable containers for recovery or disposal.
- 6.1.6** Keep spills and cleaning run off from entering sewers, drains and open bodies of water.



7. Handling and Storage

7.1 Handling:

- 7.1.1 Avoid contact with eyes, skin and clothing.
- 7.1.2 Wash hands thoroughly after handling.
- 7.1.3 Keep containers tightly closed when not in use.
- 7.1.4 Do not breathe vapours, mist or gas.

7.2 Storage:

- 7.2.1 Store in a well ventilated space.
- 7.2.2 Keep containers tightly closed at all times.

8. Exposure Controls and Personal Protection Equipment

8.1 Exposure Limits:

Triethylamine	Cas – 121-44-8	TLV/TWA (ACGIH): 3ppm (12mg/m ³)
		STEL (ACGIH): 5ppm (20mg/m ³)

8.2 Exposure Controls:

8.2.1 Exposure Controls in the Work Place:

Use only in areas provided with appropriate exhaust ventilation.

8.2.2 Personal Protection Equipment:

Respiratory Protection – Not generally required. Use certified respiratory protection equipment when respiratory risk cannot be avoided, particularly when spraying.

Hand Protection – Recommendation: Barrier cream or suitable gloves, such as neoprene.

Eye Protection – Goggles or safety glasses with side shields compatible with any respiratory equipment employed.

Body Protection - Use suitable protective clothing.

9. Physical and Chemical Properties

9.1 General Information:

Physical State/Form	Liquid
Colour	Clear
Odour	Slight
pH	9.0
Boiling Point/Range	>100°C
Water Solubility/Miscibility	Completely Miscible
Specific Gravity	1.05
VOC	95 g/l



10. Stability and Reaction

10.1 General Information:

This product is stable and no hazardous reactions are known.

10.2 Conditions to Avoid:

There are no known conditions which should be avoided.

10.3 Material to Avoid:

Avoid strong oxidizing agents.

10.4 Hazardous Decomposition Products:

None expected when material properly handled and stored. For thermal decomposition see Section 5.

11. Toxicological Information

11.1 General Information:

No specific data is available for this material.

11.2 Skin Contact:

Will cause irritation in contact with the skin, which can result in redness, itching and possible contact dermatitis.

11.3 Eye Contact:

Will cause irritation in contact with the eyes, which can result in stinging, redness and tear formation.

11.4 Ingestion:

May cause gastric irritation.

11.5 Inhalation:

Inhalation of vapours or spray mists will cause irritation to the respiratory tract. Symptoms can include headaches, coughing and breathing difficulties.

11.6 Chronic Effects:

Repeated or prolonged exposure may cause irritation, and dermatitic effects. Repeated or prolonged contact may cause sensitization. Repeated or prolonged inhalation may aggravate existing respiratory disorders.

12. Ecological Information

12.1 Environment Protection:

Prevent from entering sewers, drains and waterways.

12.2 Ecotoxicity:

No data available.

12.3 Persistence and degradability:

No data available.



- 12.4 Bioaccumulative Potential:**
No data available.

13. Disposal Consideration

- 13.1 Material:**
Dispose of according to regulation by incineration in a special waste incinerator or landfill at a permitted facility in accordance with local/national regulations.

14. Transport Information

- 14.1 Land Transport:**
Road: Not regulated (not dangerous for transport)
Rail: Not regulated (not dangerous for transport)
- 14.2 Sea Transport:** (IMO/IMDG): Not regulated.
- 14.3 Air Transport:** (IATA/ICAO): Not regulated.
- 14.4 Postal and Courier Service:** Is Permitted.

15. Regulatory Information

This product is hazardous.

16. Other Information

- 16.1 Full Text of R-Phrases Contained in Section 2:**
R36/37/38 Irritating to eyes, respiratory system and skin
- 16.2 Full Text of S-Phrases Contained in Section 2:**
S23 Do not breathe gas/fumes/vapour/spray
S24/25 Avoid contact with skin and eyes.
S37/39 Wear suitable gloves and eye/face protection.
S38 If insufficient ventilation, wear suitable respiratory equipment.
- 16.3** The information contained in this Data Sheet relates only to the specific material identified. Equus Industries Ltd believes the information to be accurate and reliable as at the date of this Data Sheet. No Warranty, Guarantee or representation is expressed or implied by the Company as to the absolute correctness or completeness of any representation contained in this Data and assumes no legal responsibility in connection therewith. It can not be assumed that all acceptable safety measures are contained in this Data Sheet, or that additional measures may not be required under particular or exceptional circumstances or conditions.