

Technical Datasheet



Section 1. Identification of the substance / preparation and of the company / undertaking

Product Name:	Total clean 600 Low Foam Concentrate
Supplied By:	Warton Metals Limited Grove Mill, Commerce Street. Haslingden. Lancashire. BB4 5JT. ENGLAND.
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Section 2. Composition / Information on Ingredients

Ingredient	CAS No:	Nature of Hazard	%W.W Range	EEC No.	R Phrases
2-Aminoethanol (MELA)	141-43-5	* Xn	30-60%	205-483-3	20, 36/37/38

Section 3. Hazards Identification

Classification (CHIP) Main Health Hazards	Harmful by inhalation. Irritating to eyes, respiratory system and skin.
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Section 4. First Aid Measures

Inhalation:	Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention.
Skin Contact:	Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye Contact:	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get prompt medical attention.
Ingestion:	Do not induce vomiting. Never make an unconscious person vomit or drink fluids. Rinse mouth thoroughly. Provide rest, warmth and fresh air.

Section 5. Fire Fighting Measures

Flammability: Special Fire Fighting Procedures: Extinguisher media: Measures:	This material is not flammable. Use extinguishing media appropriate for surrounding fire.
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Section 6. Accidental Release Measures

	Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place in containers.
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Section 7. Handling & Storage

Usage Precautions:	Avoid spilling, skin and eye contact. Provide good ventilation Keep in a cool, dry ventilated storage and closed containers Keep in original container.
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Section 8. Exposure Controls & Personal Protection

Occupational Exposure Limits:- 2-Aminoethanol * 3 ppm (LT EXP 8 HOURS), STD OES, STD EXP 15 MIN 6ppm	
Respiratory Protection: Eyes and skin Protection:	Gloves and eye protection are recommended as for chemical handling.
Ventilation Respirators	All handling to take place in a well ventilated area. No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
Eye Protection	Wear approved safety goggles Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygienic work practices	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

Section 9. Physical & Chemical Properties.

Appearance / colour:	clear	Viscosity (40°C):	15-20 cps @15°C
Odour:	amine	Form / colour:	N/D
Density:	0.990-1.00	Boiling Point Range:	171
Flash point:	94	Auto Ignition Temperature:	N/D
Solubility in water:	miscible in water	Vapour Pressure:	<1 mmHg/20°C MELA
PH:		Explosive Limits:	N/D

Section 10. Stability & Reactivity

Stability	Stable.
Conditions to Avoid	Avoid contact with acids and oxidizing substances

Section 11. Toxicological Information (toxic effects arising from exposure based on experimental and non experimental data)	
Inhalation:	Harmful by inhalation. May cause irritation to the respiratory system.
Skin contact:	Harmful if in contact with the skin.
Eye Contact:	Irritating to eyes
Ingestion:	Harmful if swallowed.

Section 12. Ecological Information	
Possible environmental effects	No negative effects on the aquatic environment are known.

Section 13. Disposal Considerations	
(Safe disposal of product, its residues and packaging materials):	Dispose of in accordance with local authority requirements.

Section 14. Transport Information	
<u>Labelling Information</u>	Dangerous Substances Directive 67/548/EEC, as modified.
Indication of danger:	CORROSIVE
UK Road Transport Class	UN 2491
UK Road	8
ADR Class	III
	8 Corrosive substances
ADR Item	
ADR Marginal	III
ADR Label NO	2801
Hazchem Code	8
CEFIC TEC (R) NO.	2X
Proper Shipping Name	80GC7-11+III
Road Transport Notes	Ethanolamine or Ethanolamine Solution
RID Class	Not classified
RID Item Number	8
	III

Section 15. Regulatory Information	
	Xn Harmful R 20 Harmful by Inhalation R36/37/38 irritating to eyes, respiratory system and skin S24/25 Avoid contact with skin and eyes S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Section 16. Other Information	
Recommended uses and restrictions:	
Publications references:	

Section 17. Revision Dates	
Revised Date / Initials/Replacing:	November 2003
Legend:	N/A = Not applicable or available at time of printing. N/D = Not determined or not determinable. Est. = Estimated
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