

SAFETY DATA SHEET

PRODUCT NAME: ACCEPTA 2330**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Chemical Identity: Aqueous solution of organic amines containing Cyclohexylamine Morpholine and Diethylethanolamine
 Recommended use: Neutralising amine

Supplier: Accepta Limited
 Statham House
 Talbot Road
 Manchester M32 0FP
 Tel: +44(0)161 877 2334 Fax: +44 (0)870 135 6389
 Email for product and safety data sheets: info@accepta.com

Emergency (ONLY) telephone: 0161 877 2334

2. COMPOSITION/INFORMATION ON INGREDIENTS CONTRIBUTING TO HAZARD CLASSIFICATION AND/OR HAVE COMMUNITY WORKPLACE**EXPOSURE LIMITS**

	CAS No	Contents	Health (class)	Risk(R)	
Product contains:					
		^Cyclohexylamine	108-91-8 10-20%	C	10-21/22, 34
		Morpholine	110-91-8 10-20%	C	10-20/21,22-34
		Diethylethanolamine	100-37-8 10-20%	C	20/21/22, R10

3. HAZARD IDENTIFICATION OF PREPARATION

Symbol(s): C, Riskphrase(s): R20/21/22, R34
 Harmful by inhalation, in contact with skin and if swallowed. Causes burns.

4. FIRST AID MEASURE

General Inhalation	In all cases of doubt, or when symptoms persist seek more advice. Remove from exposure, rest and keep warm. Seek medical attention, treat symptomatically.
Skin Contact	Drench the skin with plenty of water. Remove contaminate clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention
Eye Contact	Irrigate thoroughly with water for at least 15 minutes. Obtain medical attention.
Ingestion	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink, seek medical attention, treat symptomatically.

5. FIRE FIGHTING MEASURE

Extinguishing Media: Carbon dioxide, dry powder
 Unsuitable Extinguishing Media: Use water only as a mist or fog. NOT as a jet.
 Exposure Hazards: May generate toxic, corrosive or flammable combustion products, vapour forms explosive mixtures with air.
 Hazardous Combustion Products: Nitrogen oxides, carbon monoxide
 Special equipment for fire fighting: Wear full breathing apparatus, face shield and butyl rubber boot and gloves

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section 8
 Environmental Precautions: Do not allow to enter water courses or drains
 Clean up Procedure: Absorb on sand or sawdust. Do not wash down drain

7. HANDLING AND STORAGE

Handling	Ensure there is good ventilation when handling this product
Storage	Store away from heat and flames

8. EXPOSURE CONTROLS

Exposure Limit (8hrs) 10ppm for Cyclohexylamine and Diethylethanolamine Type OES
 71ppm for morpholine

Protective Measures

Respiratory	Use respirator if OES is likely to be exceeded
Hand	Gloves (rubber)
Eye	Goggles
Skin	Overalls

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless liquid	Solubility in water	Miscible
Odour	Fishy	Solubility in other solvents	Not Determined
pH	12 approx	Partition coefficient and N-octanol/water	Not relevant
Boiling Point/Boiling Range	Not determined		
Melting Point/Melting Range	n/a	Other Data	None
Flash Point	65°C		
Flammability	Flammable		
Autoflammability	Not Determined		
Explosive Properties	Not Relevant		
Oxidising Properties	Not relevant		
Vapour Pressure	Not Relevant		
Relative Density	0.99		

10. STABILITY AND REACTIVITY

Stability	The product as supplied is stable
Conditions to Avoid	Store away from heat and flames
Materials to Avoid	Oxidants
Hazardous Decomposition Products	CO ₁ CO ₂ NO _x

11. TOXICOLOGICAL INFORMATION

Acute oral LD50 (Rat) : approx 1092mg/Kg Acute dermal LD50 (Rat) approx 2400mg/kg, acute inhalation toxicity (LC50, rat) 38.21 mg/L/hr. This product can cause burns. It is irritating to the eyes respiratory system and skin. Product can be absorbed through the skin.

12. ECOLOGICAL INFORMATION

Environmental Effects	Not determined
Mobility	n/a
Degradability	n/a
Bioaccumulative Potential	n/a
Marine Pollutant	n/a

13. DISPOSAL CONSIDERATIONS

Product	Through an authorised waste disposal contractor to an approved waste disposal site
Container	Wash thoroughly before disposal

14. TRANSPORT INFORMATION**LAND TRANSPORT**

UN Class	8	Hazard ID	80
Subsidiary class	3	ADR Class	8
UN Number	3267	Packaging Group	II
Proper Shipping Name (PSN)			

SEA TRANSPORT

UN Number	3267	Class	8
Packing Group	II	Marine Pollutant	No
EMS	FA S-B		

15. REGULATORY INFORMATION

Chemical identity: Aqueous solution of organic amines containing Cyclohexylamine, Morpholine and Diethylethanolamine

Labelling according to the chemical (Hazard Information and Packaging) Regulations 2002, CHIP 3

EEC Number	N/A
Symbol(s)	C, Corrosive
RiskPhrase(s)	R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R34 - Causes burns
Safety Phrase(s)	S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water S36/37/39: Wear suitable protective clothing, gloves and eyes/face protection S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

16. OTHER INFORMATION

Product contains	Cyclohexylamine:	C	R10-20/21/34	C: Corrosive
	Morpholine	C	R10-20/21/22-34	
	Diethylethanolamine	Xi	R36/37/38	Xi: Irritant

Further details might be available upon request from Feedwater Limited.

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