



SAFETY DATA SHEET

Section 1: Identification of the Substance and Supplier

Product Name: AGGBIND EXP75
Other Name: Bitumen Adhesion Agent
Recommended Use: Product is predominantly used in road making.
Company Details: Corporate Energy Australia
Address: Cnr Boundary Rd & Potassium St, Narangba Queensland 4504
Telephone Number: +61 7 3203 2833
Fax number: +61 7 3203 3700
Emergency Telephone Number: +61 417 217 332
National Poisons Centre 0800 POISON (0800 764 766)

Section 2: Hazards Identification

Hazard Classification: 6.1D, 8.2B, 8.3A, 6.7B, 9.1A, 9.3B
Risk Phrase: R25 - Toxic if swallowed
R35 - Causes severe burns
R36/37- Irritating to eyes and skin
R45 - May cause cancer
R51 - Toxic to aquatic organisms.
R53 - May cause long-term adverse effects in aquatic environment
R55 - Toxic to fauna.

Section 3: Composition/Information on Ingredients

Chemical Identity	Concentration	CAS Number	Hazard Class
Oleyltrimethylenediamine	73%	7173-62-8	6.1D, 8.2B, 8.3A
Distillates, petroleum, solvent-dewaxed heavy paraffinic	27%	64742-65-0	6.7B

Section 4: First Aid Measures

First Aid Instructions:

Swallowed: If victim is conscious, give at least 2 glasses of water to dilute or lightly acidified water with vinegar to neutralise. Do not induce vomiting, this is a caustic and corrosive compound. Obtain medical attention promptly.

Eye: Flush eyes immediately with 0.5 – 1.0% aqueous boric acid solution, lifting upper and lower lids occasionally and after this, wash with large amounts of water for at least 15 minutes. Obtain medical attention promptly.

Skin: Remove all contaminated clothes. Wash affected body areas with 3% aqueous acetic acid solution and after this, wash with large amounts of water for at least 15 minutes. Obtain medical attention.

Inhaled: Remove victim to fresh air and keep warm. Give oxygen or artificial respiration as needed. Obtain medical attention promptly.

Medical Attention/Special Treatment: Treat Symptomatically

Section 5: Fire-Fighting Measures

Fire and Explosion Hazards: Hazardous combustion or decomposition products are not well defined. May include toxic constituents such as CO, CO₂, NO_x

Extinguishing Media & Methods: Use Carbon dioxide, dry chemical, foam, or water spray. Stay upwind, move containers from fire area if no risk, treat as an oil fire.

Hazchem Code: 3X

Recommended Protective Clothing: Wear breathing apparatus (SCBA) and appropriate protective clothing.



Section 6: Accidental Release Measures

Neutralisation or Absorption Procedures

Short spill: With inert solids such as clay or diatomaceous earth.

Large spill: Should be flushed to a collection basin of disposal. Use a suitable disposal container.

Neutralising chemicals: 3% aqueous acetic acid solution.

Recovery method: Recover by vacuum, eliminate all ignition sources, prevent flow to sewers, restrict access to area. Ensure waste disposal of product and cleaning materials conforms with local waste disposal regulations.

Section 7: Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. If splashing is likely to occur, wear a full-face visor or chemical goggles.

Conditions for Safe Storage: Store in tanks, drums or containers made of Carbon Steel, high density polyethylene, stainless steel, fibre glass (F.R.P.). Store containers away from sparks, open flame and strong oxidizing agents. Loading/unloading temperature: 30°C

Section 8: Exposure Control/Personal Protection

1) Workplace Exposure Guidelines: Handling operations should take place in a well ventilated area to ensure that ventilation is adequate to avoid inhalation of toxic and corrosive vapours.

NZ Workplace Exposure Standards (WES):	TWA mg/m ³	STEL mg/m ³
(Asphalt) Petroleum fumes	5	None Set

2) Engineering Controls: Use in a well-ventilated area. If operating conditions generate vapour or fumes above the NZ WES use process enclosures, local exhaust ventilation or other engineering controls to control exposure.

3) Personal Protective Equipment (PPE)

General: When handling this product, wear suitable protective clothing and equipment manufactured to an appropriate AS/NZS standard.

Eye/Face Protection: Wear face shield and splash proof safety goggles.

Skin Protection: Wear appropriate clothing and boots to protect from corrosive liquid. Wear full head protection.

Respiratory Protection: Equipment should prevent repeated or prolonged contact respiratory tract. When airborne exposure limit and/or comfort levels may be exceeded use a SA1716 approved Type K respirator consistent with the airborne concentrations. When using organic chemical cartridges ensure that the cartridges are correct for the potential air contamination and are in good working order.

Hand Protection: Butyl rubber or neoprene gloves.

Section 9: Physical and Chemical Properties

Appearance:	Oily yellow liquid with an ammonia smelling odour	
pH	11 approx	
Vapour Pressure:	Not available	
Vapour Density:	Not available	
Boiling Point:	IBP: > 250°C	Boiling Range: No data
Relative Vapour Density:	(air = 1): > 1.0	
Decomposition Temperature:	> 250°C	
Solubility in Water:	Insoluble	
Specific Density:	0.855 (@ 25°C)	
Flammability Limits:	LEL: Not applicable	UEL: Not applicable
Flashpoint:	> 140°C	
Auto-ignition Temperature	Not applicable	

Section 10: Stability and Reactivity

Chemical Stability: This product is stable and unlikely to react in a hazardous manner under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Materials to Avoid: Reacts with strong oxidizing agents and strong acids. Corrosive to Bronze, aluminium, and copper.



Hazardous Decomposition Products: Not well defined. May include toxic constituents as CO, CO₂, NO_x

Hazardous Polymerization: Hazardous polymerisation has not been reported to occur under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Section 11: Toxicological Information

Eyes: Causes severe irritation, burn and possible eye damage

Skin: Causes severe skin irritation or burn. Causes skin irritation, blistering and/or dermatitis.

Ingestion: Results in severe damage to mucous membranes.

Inhalation: May cause symptoms of lack of oxygen, leading to collapse and possible death. Vapours, especially when heated, cause nose and throat irritation.

Chronic Effects: This product is classified as an acute toxicant, and as a carcinogenic due to the presence of petroleum hydrocarbons. Avoid breathing fumes or vapours.

Section 12: Ecotoxicity Information

Potential Environmental Interactions: This product is not biodegradable. Spillages may penetrate the soil causing groundwater contamination. This material may accumulate in sediments. Classified as an aquatic and as a vertebrate ecotoxicant. Prevent this material from entering waterways, drains and sewers.

Section 13: Disposal Considerations

Disposal – Dispose of via a licensed disposal contractor in accordance with local regulations.

Section 14: Transport Information

UN Number:	2735
UN Proper Shipping Name:	Alkyl Amine N.O.S.
Class:	8
Packing Group:	II
Hazchem Code:	3X

Section 15: Regulatory Information

Regulatory Status:	HSNO Approval No:	HSR002660
HSNO Classification:	6.1D Acute Toxicant	
	8.2B Skin Corrosive	
	8.3A Eye Corrosive	
	6.7B Carcinogen	
	9.1A Aquatic Ecotoxicant	
	9.3B Vertebrate Ecotoxicant	

Section 16: Other Information

Revision Indicator: Issued: 14 January 2010

Key/Legend:

ERMA – Environmental Risk Management Authority

IARC – International Agency for Research on Cancer

IBP – Initial boiling Point

HSNO – Hazardous Substances and New Organisms Act

UN Number – United Nations Number

WES – Workplace Exposure Standards

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