

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

ADAPT Australia Pty. Ltd.

11 - 19 Global Drive
Tullamarine Victoria 3043
Telephone Number. 03 9330 0666

Emergency Telephone Number: 1 800 039 008

**Product Name: Boom Wash
Concentrate**

Chemical Description: Water-based Cleaning Solution
Product Use: General Cleaning, Fleet Maintenance

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of NOHSC Australia.

Risk Phrases: Not Applicable

Safety Phrases: Not Applicable

NFPA Ratings:

Health:	0
Fire:	0
Reactivity:	0

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS #</u>	<u>Weight %</u>
Dipropylene Glycol Monomethyl Ether	34590-94-8	< 5
2-(2-Butoxyethoxy)-Ethanol	112-34-5	< 5
Sodium Metasilicate Pentahydrate	6834-92-0	< 5

4. FIRST AID MEASURES

Eye Contact: Flush eyes with a large quantity for 15 minutes. If irritation continues, seek medical attention.
Skin Contact: If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.
Inhalation (Breathing): No first aid expected to be required. Not an inhalation hazard.
Ingestion (Swallowing): Do not induce vomiting. Immediately administer large quantities of water. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash Point: No flash via TCC.
Flammable Limits: Product is not flammable.
Autoignition Temperature: Not Applicable
Hazardous Decomposition Products: High temperature steam, potentially carbon monoxide and carbon dioxide.
Extinguishing Media: Not Applicable
Special Precautions: Not Applicable
Unusual Hazards: Sealed container can build up pressure when exposed to high heat.

6. ACCIDENTAL RELEASE MEASURES

Boom Wash Concentrate is slightly caustic. Flush small spills to drain with water. Dike or dam larger spills and return to container for reuse. Dilute and neutralize residue. Outside, spills should be diluted with a quantity of water, then covered with sand, dirt or gravel.

7. HANDLING AND STORAGE

Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection:	Normal ventilation adequate.		
Protective Gloves:	For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent skin irritation.		
Eye Protection:	Safety goggles recommended.		
Other Protective Equipment:	None.		
Exposure Limits and Recommendations:	Dipropylene Glycol Monomethyl Ether:	50 ppm	Worksafe Australia
		100 ppm	OSHA

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid which foams with agitation.
Odor Threshold:	Not Available
Vapor Density (Air = 1):	.9 to 1.1
Specific Gravity (H₂O = 1):	>1
Solubility in Water:	Infinite
Boiling Point:	~100°C
Freezing Point:	~0°C
Vapor Pressure:	Not Available
Coefficient of Water/Oil Distribution:	Not Available
pH:	<10.5
Volatiles (Weight %):	>90%

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None known.
Materials to Avoid:	Avoid materials which react with water. Avoid contact with aluminum, zinc, and their alloys. Contact with acids will cause a heat-releasing reaction.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide.
Conditions Under Which Hazardous Polymerization May Occur:	None known.

11. TOXICOLOGICAL INFORMATION

Eye Contact:	Skin contact not recommended for concentrated solution. Boom Wash Concentrate is a caustic solution. It can cause skin or eye irritation, burning, and, possibly, blindness.
Skin Contact:	May irritate skin, causing redness, and cracking. Prolonged exposure may cause burning.
Irritation and Sensitization Potential:	Low potential.
Inhalation (Breathing):	No inhalation hazard expected with water vapor.

Ingestion (Swallowing): No effect is expected on ingestion of small quantities. Ingestion of larger quantities may cause gastric discomfort and burns to mouth and esophagus.
Oral Toxicity: Based on ingredients, LD₅₀ (rat) is estimated to be well over 10 gm/kg or moderate toxicity.
Chronic Exposure: Not Available.
Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.
Reproductive Toxicity: Not Available
Mutagenicity: Not Available
Teratogenicity: Not Available
Toxicologically Synergistic Products: Not Available

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.
Persistence and Degradability: No information available.
Mobility: No information available.
Bioaccumulation: No information available.
Other:

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with National and Local Regulations.

14. TRANSPORTATION INFORMATION

UN Number: Not Listed
UN Proper Shipping Name: Not Applicable
Class and Subsidiary Risk: Not Applicable
Packing Group: Not Applicable

15. REGULATORY INFORMATION

All components are listed on the AICS.

16. OTHER INFORMATION

Date Reviewed: 23 May 2006
Reviewed By: S. H. Dahlke

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.