

## MATERIAL SAFETY DATA SHEET

Product Trade Name: **DINOMUL™**

Revision Date: 02-Jan-2007

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Statement of Hazardous Nature** Not hazardous according to criteria of WorkSafe

**Manufacturer/Supplier** Halliburton/Baroid Australia Pty. Ltd.  
53-55 Bannister Road  
Canning Vale  
WA 6155  
Australia

ACN Number: 009 000 775  
Telephone Number: 61 (08) 9455 8300  
Fax Number: 61 (08) 9455 5300

**Product Emergency Telephone**

Australia: 08-64244950  
Papua New Guinea: 05 1 281 575 5000  
New Zealand: 06-7559274

**Fire, Police & Ambulance - Emergency Telephone**

Australia: 000  
Papua New Guinea: 000  
New Zealand: 111

### Identification of Substance or Preparation

**Product Trade Name:** DINOMUL™  
**Synonyms:** None  
**Chemical Family:** Wax  
**UN Number:** None  
**Dangerous Goods Class:** None  
**Subsidiary Risk:** None  
**Hazchem Code:** None  
**Poisons Schedule:** None  
**Application:** Stabiliser

**Prepared By** Product Stewardship  
Telephone: 1-580-251-4335

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	CAS Number	Percent	Australia NOHSC	ACGIH TLV-TWA
Contains no hazardous substances	Mixture	60 - 100%	Not determined	Not applicable

### 3. HAZARDS IDENTIFICATION

**Hazard Overview** May cause eye and skin irritation.

#### Hazard Ratings

**Flammability:** 0  
**Toxicity:** 0  
**Body Contact:** 1  
**Reactivity:** 0  
**Chronic:** 0

Scale: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

### 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Skin** Wash with soap and water. Get medical attention if irritation persists.

**Eyes** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**Ingestion** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**Notes to Physician** Not Applicable

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** All standard fire fighting media

**Unsuitable Extinguishing Media** None known

**Special Exposure Hazards** Decomposition in fire may produce toxic gases.

**Special Protective Equipment for Fire-Fighters** Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures** Use Appropriate protective equipment.

**Environmental Precautionary Measures** Prevent from entering sewers, waterways or low areas.

**Procedure for Cleaning/Absorption** Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

### 7. HANDLING AND STORAGE

**Handling Precautions** Avoid contact with eyes, skin, or clothing. Wash hands after use.

**Storage Information** Store away from acids. Store away from alkalis. Keep from freezing.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Engineering Controls	None known.
Respiratory Protection	Not normally necessary.
Hand Protection	Impervious rubber gloves.
Skin Protection	Normal work coveralls.
Eye Protection	Safety glasses.
Other Precautions	None known.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Dark
Odour:	Mild
pH:	6-8
Specific Gravity @ 20 C (Water=1):	1.013
Density @ 20 C (kg/l):	1.013
Bulk Density @ 20 C (kg/l):	Not Determined
Boiling Point/Range (C):	140
Freezing Point/Range (C):	Not Determined
Pour Point/Range (C):	Not Determined
Flash Point/Range (C):	Not Determined Minimum: > 93
Flash Point Method:	PMCC
Autoignition Temperature (C):	Not Determined
Flammability Limits in Air - Lower (g/m <sup>3</sup> ):	Not Determined
Flammability Limits in Air - Lower (%):	Not Determined
Flammability Limits in Air - Upper (g/m <sup>3</sup> ):	Not Determined
Flammability Limits in Air - Upper (%):	Not Determined
Vapour Pressure @ 20 C (mmHg):	Not Determined
Vapour Density (Air=1):	Not Determined
Percent Volatiles:	Not Determined
Evaporation Rate (Butyl Acetate = 1):	< 1
Solubility in Water (g/100ml):	Soluble
Solubility in Solvents (g/100ml):	Not Determined
VOCs (g/l):	Not Determined
Viscosity, Dynamic @ 20 C (centipoise):	Not Determined
Viscosity, Kinematic @ 20 C (centistokes):	Not Determined
Partition Coefficient/n-Octanol/Water:	Not Determined
Molecular Weight (g/mole):	Not Determined
Decomposition Temperature (C):	Not Determined

## 10. STABILITY AND REACTIVITY

Stability Data:	Stable
Hazardous Polymerisation:	Will Not Occur
Conditions to Avoid	None known.
Incompatibility (Materials to Avoid)	Strong acids. Strong alkalis
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.

**11. TOXICOLOGICAL INFORMATION**

<b>Principle Route of Exposure</b>	Eye and skin contact.
<b>Inhalation</b>	None known.
<b>Skin Contact</b>	May cause mild skin irritation. Will cause skin defatting.
<b>Eye Contact</b>	May cause mild eye irritation.
<b>Ingestion</b>	None known
<b>Aggravated Medical Conditions</b>	None known.
<b>Chronic Effects/Carcinogenicity</b>	No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.
<b>Other Information</b>	None known.
<b>Toxicity Tests</b>	
<b>Oral Toxicity:</b>	Not determined
<b>Dermal Toxicity:</b>	Not determined.
<b>Inhalation Toxicity:</b>	Not determined
<b>Primary Irritation Effect:</b>	Not determined
<b>Carcinogenicity:</b>	Not determined
<b>Genotoxicity:</b>	Not determined
<b>Reproductive/Developmental Toxicity:</b>	Not determined

**12. ECOLOGICAL INFORMATION**

<b>Mobility (Water/Soil/Air)</b>	Not determined
<b>Persistence/Degradability</b>	Not determined
<b>Bio-accumulation</b>	Not Determined

**Ecotoxicological Information**

<b>Acute Fish Toxicity:</b>	Not determined
<b>Acute Crustaceans Toxicity:</b>	Not determined
<b>Acute Algae Toxicity:</b>	Not determined
<b>Chemical Fate Information</b>	Not determined
<b>Other Information</b>	Not applicable

**13. DISPOSAL CONSIDERATIONS**

<b>Disposal Method</b>	Disposal should be made in accordance with federal, state and local regulations.
<b>Contaminated Packaging</b>	Follow all applicable national or local regulations.

## 14. TRANSPORT INFORMATION

### Land Transportation

ADR Not restricted

### Air Transportation

ICAO/IATA Not restricted

### Sea Transportation

IMDG Not restricted

### Other Shipping Information

EPG: Not determined  
IERG: Not determined  
Labels: None

## 15. REGULATORY INFORMATION

### Chemical Inventories

Australian AICS Inventory Not Determined  
US TSCA Inventory All components listed.  
EINECS Inventory All components are listed on the inventory.

Classification Not Determined

Risk Phrases None

Safety Phrases None

## 16. OTHER INFORMATION

The following sections have been revised since the last issue of this MSDS:

Not applicable

### Contact

#### Australian Poisons Information Centre

24 Hour Service: - 13 11 26  
Police or Fire Brigade: - 000 (exchange): - 1100

#### New Zealand Poisons Information System

Deunedin: -(03) 479 1200 (Normal Hours)

**Additional Information** For additional information on the use of this product, contact your local Halliburton representative.

For questions about the Material Safety Data Sheet for this or other Halliburton products, contact Product Stewardship at 1-580-251-4335.

**Disclaimer Statement**

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**\*\*\*END OF MSDS\*\*\***