Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name: PALL MALL MANUFACTURING CO. PTY LTD

Address: 1/167 Bonds Road, Riverwood, NSW, Australia, 2210

Telephone: (02) 9584 8644

Fax: (02) 9584 8744

Emergency: (02) 9584 8644

Email: enquiries@pallmall.com.au

Synonym(s): NATURES AIR SPONGE • ODOUR ABSORBENT

Use(s): DEODORANT

MSDS Date: 18 January 2008

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Formula</th>
<th>CAS No.</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM CARBONATE</td>
<td>Na2-C-O3</td>
<td>497-19-8</td>
<td>4%</td>
</tr>
<tr>
<td>1-HEXADECANOL</td>
<td>C16-H34-O</td>
<td>36653-82-4</td>
<td>5%</td>
</tr>
<tr>
<td>CARBON</td>
<td>C</td>
<td>7440-44-0</td>
<td>3%</td>
</tr>
<tr>
<td>SULPHONATED SODIUM 1,1-OXYBISTETRAPROPYLENE BENZENE</td>
<td>Not Available</td>
<td>119345-04-9</td>
<td>&lt;3%</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL</td>
<td>C3-H8-O2</td>
<td>57-55-6</td>
<td>2%</td>
</tr>
<tr>
<td>WATER</td>
<td>H2O</td>
<td>7732-18-5</td>
<td>Not Available</td>
</tr>
<tr>
<td>SPONGE / ABSORBENT MATERIAL</td>
<td>Not Available</td>
<td>Not Available</td>
<td>remainder</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the PIC or a doctor, or for at least 15 minutes.

Inhalation: If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

Skin: Gently flush affected areas with water. Seek medical attention if irritation develops.

Ingestion: For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor.

Advice to Doctor: Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability: Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

Fire and Explosion: Combustible. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing: Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.
PRODUCT NAME  AIR SPONGE

Hazchem Code  None Allocated

6. ACCIDENTAL RELEASE MEASURES
Spillage  Collect and reuse where possible.

7. STORAGE AND HANDLING
Storage  Store out of direct sunlight and out of the reach of children, in a cool, dry, well ventilated area, removed from oxidising agents (eg. hypochlorites), acids (sulphuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems.
Handle  Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure Stds</th>
<th>Ingredient</th>
<th>Reference</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Coal dust (containing &lt; 5% quartz)</td>
<td>NOHSC (AUS)</td>
<td>--</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>Propane-1,2-diol: particulates only</td>
<td>NOHSC (AUS)</td>
<td>--</td>
<td>10.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NOHSC (AUS)</td>
<td>150.0</td>
<td>474.0</td>
</tr>
</tbody>
</table>

SODIUM CARBONATE
ES-TWA: 10 mg/m3 (Total dust)

Biological Limits  No Biological Limit Value allocated.

Engineering Controls  Ensure adequate natural ventilation.

PPE  Personal Protective Equipment is not required under normal conditions of use. Where prolonged or repeated contact is likely or for individuals with sensitive skin, wear protective gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>BLUE SEMI-SOLID</td>
</tr>
<tr>
<td>Odour</td>
<td>FRAGRANT ODOUR</td>
</tr>
<tr>
<td>pH</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>SLIGHTLY SOLUBLE</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Flammability</td>
<td>COMBUSTIBLE</td>
</tr>
<tr>
<td>Flash Point</td>
<td>100°C (cc)</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>NOT AVAILABLE</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Chemical Stability  Stable under recommended conditions of storage.

Conditions to Avoid  No known conditions to avoid.

Material to Avoid  Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).

Decomposition  May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

Hazardous Reactions  Polymerization will not occur.
11. TOXICOLOGICAL INFORMATION

Health Hazard Summary
No adverse health effects are anticipated under normal conditions of use. Due to product form and low volatility, an inhalation hazard is not anticipated unless product is heated.

Eye
Exposure may result in irritation and lacrimation.

Inhalation
Due to product form and nature of use, an inhalation hazard is not anticipated.

Skin
Prolonged and repeated contact with the skin may result in mild irritation.

Ingestion
With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation.

Toxicity Data
SODIUM CARBONATE (497-19-8)
   LC50 (Inhalation): 800 mg/m³/2 hours (guinea pig)
   LD50 (Ingestion): 4090 mg/kg (rat)
1-HEXADECANOL (36653-82-4)
   LD50 (Ingestion): 3200 mg/m³ (mouse)
   LD50 (Skin): > 2600 mg/m³ (rabbit)
PROPYLENE GLYCOL (57-55-6)
   LD50 (Ingestion): > 2080 mg/kg (quail)
   LD50 (Skin): 20800 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

Environment
Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

Ecotoxicity
Low toxicity to aquatic organisms.

Persistence / Degradability
This product is readily biodegradable.

Mobility
Not available, but considered very low.

13. DISPOSAL CONSIDERATIONS

Waste Disposal
Reuse where possible. Alternatively, absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.

Legislation
Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name
None Allocated

UN No.
None Allocated

Pkg Group
None Allocated

DG Class
None Allocated

Hazchem Code
None Allocated

Subsidiary Risk(s)
None Allocated

EPG
None Allocated

15. REGULATORY INFORMATION

Poison Schedule
A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS
All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information
ABBREVIATIONS:
ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
ph - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:
It should be noted that the effects from exposure to this product will depend on several factors including: frequency
and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of
application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible
scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only.
Factors such as method of application, working environment, quantity used, product concentration and the
availability of engineering controls should be considered before final selection of personal protective equipment is
made.

Report Status
This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the
manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or
obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate
safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of
the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide
any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss,
injury or damage (including consequential loss) which may be suffered or incurred by any person as a
consequence of their reliance on the information contained in this MSDS.

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End of Report