

PRODUCT NAME **CHARGE LAUNDRY POWDER**

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Supplier Name** JOHNSONDIVERSEY AUSTRALIA PTY LTD  
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**Synonym(s)** 739323 CHARGE LAUNDRY POWDER 10KG • 739331 CHARGE LAUNDRY POWDER 15KG  
**Use(s)** LAUNDRY POWDER  
**MSDS Date** 17 May 2007

**2. HAZARDS IDENTIFICATION**

**CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**

**RISK PHRASES**

R36/38 Irritating to eyes and skin.

**SAFETY PHRASES**

S2 Keep out of reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

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

<b>UN No.</b>	None Allocated	<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Pkg Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>EPG</b>	None Allocated

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	Formula	CAS No.	Content
SODIUM CARBONATE	Na <sub>2</sub> -C-O <sub>3</sub>	497-19-8	<10%
ANIONIC SURFACTANT(S)	Not Available	Not Available	<30%
SODIUM SILICATE	Na <sub>4</sub> SiO <sub>4</sub>	1344-09-8	<10%
ENZYMES	Not Available	Not Available	<1%
FLUORESCER	Not Available	Not Available	<1%
ADDITIVES	Not Available	Not Available	Not Available

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### 4. FIRST AID MEASURES

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<b>Eye</b>	Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.
<b>Inhalation</b>	If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
<b>Skin</b>	Remove contaminated clothing and gently flush affected areas with water. Continue to flush with water until skin no longer feels soapy. Seek medical attention. Launder clothing before reuse.
<b>Ingestion</b>	DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.
<b>Advice to Doctor</b>	Treat symptomatically
<b>First Aid Facilities</b>	Eye wash facilities should be available.

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### 5. FIRE FIGHTING MEASURES

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<b>Flammability</b>	Non flammable. No fire or explosion hazard exists.
<b>Fire and Explosion</b>	Non flammable. Evacuate area and contact emergency services. 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.
<b>Extinguishing</b>	Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.
<b>Hazchem Code</b>	None Allocated

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### 6. ACCIDENTAL RELEASE MEASURES

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<b>Spillage</b>	If spilt, reuse where possible. Mop up area and wash residue down with water. For large spills, wear goggles, PVC/rubber gloves, protective clothing, an apron and boots. Absorb with sand or similar, collect and place in sealable containers for disposal. If powder is spilt in bulk, wear a Class P1 (Particulate) respirator. Wash spill site down with water. Caution spill site may be slippery.
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### 7. STORAGE AND HANDLING

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<b>Storage</b>	Store in cool, dry, well ventilated area, removed from oxidising agents, acids, active metals, direct sunlight, heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should be bunded and have appropriate ventilation systems.
<b>Handling</b>	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.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Exposure Standards</b>	SODIUM CARBONATE (497-19-8) ES-TWA: 10 mg/m <sup>3</sup> (Total dust)
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Engineering Controls</b>	Do not inhale dust/ powder. Use with adequate natural ventilation. Where a dust inhalation hazard exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
<b>PPE</b>	Wear dust-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear coveralls.



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	WHITE POWDER WITH BLUE SPECKLES	<b>Solubility (water)</b>	SOLUBLE
<b>Odour</b>	CHARACTERISTIC ODOUR	<b>Specific Gravity</b>	NOT AVAILABLE
<b>pH</b>	10 - 11 (1 % solution)	<b>% Volatiles</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	NON FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT RELEVANT
<b>Boiling Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT AVAILABLE	<b>Autoignition Temperature</b>	NOT AVAILABLE

### 10. STABILITY AND REACTIVITY

**Material to Avoid** Incompatible with oxidising agents (eg. fluorine, phosphorus pentoxide), acids (eg. sulphuric acid) and metals (magnesium, aluminium, lithium).

**Decomposition** May evolve toxic gases if heated to decomposition.

### 11. TOXICOLOGICAL INFORMATION

**Health Hazard Summary** This product has the potential to cause adverse health effects with eye or skin contact. Use safe work practices to avoid direct skin or eye contact and dust inhalation. Dilution with water will significantly reduce the potential for adverse health effects.

**Eye** May result in pain, redness, corneal burns and ulceration with possible permanent damage with prolonged contact.

**Inhalation** Over exposure at high levels may result in irritation of the nose and throat, coughing, nausea and headache. As this product is diluted with water before use, an inhalation hazard is not anticipated.

**Skin** Prolonged and repeated contact may result in irritation, skin rash, dermatitis, blisters and burns.

**Ingestion** Ingestion may result in ulceration to the mouth and throat with nausea and vomiting.

**Toxicity Data** SODIUM CARBONATE (497-19-8)  
LC50 (Inhalation): 800 mg/m<sup>3</sup>/2 hours (guinea pig)  
LD50 (Ingestion): 4090 mg/kg (rat)  
SODIUM SILICATE (1344-09-8)  
LD50 (Ingestion): 1100 mg/kg (mouse)

### 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.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer if additional information is required.

**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

**DG Class** None Allocated

**Subsidiary Risk(s)** None Allocated

**Pkg Group** None Allocated

**Hazchem Code** 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).

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## 16. OTHER INFORMATION

**Additional Information**

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ABBREVIATIONS:

mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

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.

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.

**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**