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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Potassium iodide	7681-11-0	100 %

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### 4. FIRST AID MEASURES

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<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.
<b>Skin</b>	Wash affected area extremely thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
<b>Eye</b>	If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
<b>First Aid Facilities</b>	Normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

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<b>Suitable Extinguishing Media</b>	Carbon dioxide or foam.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including nitrogen oxides.
<b>Specific Methods</b>	Use water spray to cool fire exposed containers.
<b>Precautions in connection with Fire</b>	Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise skin exposure.

**Unsuitable  
Extinguishing  
Media**

Water.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Emergency  
Procedures**

Wear sufficient respiratory protection and full protective clothing to minimise skin and eye exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Do not allow product to enter sewers, surface water or ground water. Wash surfaces well, with soap and water. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

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## 7. HANDLING AND STORAGE

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**Precautions for  
Safe Handling**

Avoid generating dust. May form explosive mixtures in air. Use in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.

**Conditions for  
Safe Storage**

Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from water and other incompatible materials. Have appropriate fire extinguishers available in and near the storage area.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**National  
Exposure  
Standards**

No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m<sup>3</sup>.  
TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  
According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

<b>Biological Limit Values</b>	No biological limit allocated.
<b>Engineering Controls</b>	Use with good general ventilation. If dusts are produced local exhaust ventilation should be used.
<b>Respiratory Protection</b>	Where sufficient ventilation is not available, avoid breathing dust by wearing an AS 1716 approved P1 or P2 particulate filter respirator. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
<b>Eye Protection</b>	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	White crystalline powder.
<b>Odour</b>	Odourless.
<b>Melting Point</b>	Not available.
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Insoluble.
<b>Specific Gravity</b>	Not available
<b>pH Value</b>	Not available.

**Vapour Pressure** Not available.

**Vapour Density  
(Air=1)** Not available.

**Flash Point** Not available.

**Flammable  
Limits - Lower** Not available.

**Flammable  
Limits - Upper** Not available.

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## 10. STABILITY AND REACTIVITY

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**Chemical  
Stability** Stable under normal conditions.

**Conditions to  
Avoid** Extremes of temperature and dusty conditions.

**Incompatible  
Materials** Not available.

**Hazardous  
Decomposition  
Products** Thermal decomposition may result in the release of toxic and/or irritating fumes including nitrogen oxides.

**Hazardous  
Polymerization** Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology  
Information** Acute toxicity:  
LD50 ORAL rat: 1,200 mg/kg

**Inhalation** Inhalation of dust may cause irritation to the respiratory tract.

**Ingestion** Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Skin** Skin contact may cause mechanical irritation resulting in redness and itching.

**Eye** May cause mechanical irritation in contact with the eyes.

**Chronic Effects** Not available.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity** Not available.

**Persistence / Degradability** Not available.

**Mobility** Not available.

**Environment Protection** Avoid contaminating waterways.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Considerations** Dispose of waste according to federal, EPA and state regulations.

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## 14. TRANSPORT INFORMATION

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**Transport Information** Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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## 15. REGULATORY INFORMATION

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**Poisons Schedule** Not Scheduled

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS** MSDS Created: August 2008

**Contact Person/Point** Technical Manager, Telephone (03) 9270 9600.  
The information on this data sheet represents our current data and best opinion as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or process is the responsibility of the user.

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## End of MSDS

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