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OSPA OXYSHOCK

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	OSPA Oxymon
Product Code	-
Other Names	Pot Peroxymono Sulphate, Potassium Peroxymonosulphate, Potassium Monopersulphate
Product Use	Pool shock treatment, paper repulping, laundry bleach and cleaning compound.
Company Name	Focus Products Pty Ltd
Address	35 Moreton St Heathwood QLD 4110
Telephone Number	1300 1 36287
Emergency Telephone	0411 623 619 (A/H)

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. DANGEROUS GOODS.

Classified as hazardous according to the criteria of Safe Work Australia.

Hazards	Xn - Harmful C - Corrosive O - Oxidizing
Risk Phrases	R8 - Contact with combustible material may cause fire. R34 - Causes burns. R37 - Irritating to respiratory system. R42/43 - May cause sensitization by inhalation and skin contact.
Safety Phrases	S 1/2 - Keep locked up and out of the reach of children. S3 - Keep in a cool place. S7 - Keep container tightly closed. S17 - Keep away from combustible material. S22 - Do not breathe dust. S24 - Avoid contact with skin. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S51 - Use only in well ventilated areas.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number	Proportion
Potassium peroxymonosulphate	10058-23-8	<50%
Potassium sulphate	7778-80-5	<50%
Potassium bisulphate	7646-93-7	<25%
Magnesium carbonate	546-93-0	<5%
Potassium peroxydisulphate	7727-21-1	<4.99%

4. FIRST AID MEASURES

Inhalation	If inhaled remove victim to fresh air. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Seek immediate medical attention.
Ingestion	If swallowed DO NOT induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Skin	If skin or hair contact occurs, immediately remove contaminated clothing and wash skin and hair with running water for at least 15 minutes. Seek medical attention.
Eyes	If in eyes, hold eyelids apart and flush the eye continuously with large amounts of water for at least 15 minutes. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

	For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.
Suitable Extinguishing Media	Use extinguishing media suitable for the surrounding fire.
Hazardous Combustion Products	Will release oxygen if heated.
Firefighting Equipment	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazards	Does not ignite. Non combustible. Storage of large masses of this material can trap heat and lead to ignition of paper bags. Grinding or intensive mixing may cause ignition of oxidizing material present. Contact with combustible material may cause fire.
Hazchem Code	2X

6. ACCIDENTAL RELEASE

Spills	Clean up personnel should wear suitable protective clothing including respiratory protection. Prevent contamination of drains and waterways. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Collect and seal in properly labeled drums for disposal. Flush area with low-pressure water.
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7. HANDLING AND STORAGE

Handling	Avoid breathing dust and skin and eye contact while handling the product. Wash exposed areas with soap and water. Ensure good industrial hygiene practice.
Storage	Store in a cool, dry, well ventilated place and out of direct sunlight and heat sources. Keep packages sealed and dry. Store away from incompatible materials. Stack on pallets providing air space; closely stacked bags should not exceed 1.2m.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards (ASCC)	<p>Magnesium carbonate: TWA: - ppm / 10 mg/m³ STEL: - ppm / - mg/m³</p> <p>Potassium peroxydisulphate: TWA: - ppm / 0.01 Peak Limitation STEL: - ppm / - mg/m³</p> <p>Nuisance dust: TWA: - ppm / 10 mg/m³ STEL: - ppm / - mg/m³</p>
Engineering Controls	Use local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Controls should be sufficient so that applicable occupational exposure limits are not exceeded.
Respiratory Protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits, use a Safe Work Australia approved full face supplied air respirator. See Australian Standards AS/NZS 1715 and 1716 for more information.
Eye Protection	Wear safety glasses with side shields (or goggles) and a face shield. See Australian Standards AS 1336 and AS/NZS 1337 for more information.
Skin Protection	Wear protective gloves and protective clothing appropriate for the risk of exposure. See Australian Standards AS 2161 and 2919 and AS/NZS 2210 for more information.
Hygienic Practices	Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White granular, free flowing solid
Odour	Odourless
Solubility in water	Soluble (25.6 g/L @ 25°C)
Boiling Point	Decomposes
Melting point	Decomposes
Vapour Pressure (mm of Hg @ 25°C)	Nil
Specific Gravity (water = 1)	1.1

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pH	2.3 (1% solution)
Flash Point	Not applicable
Flammable Limit – Lower	Not applicable
Flammable Limit – Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal circumstances.
Incompatible Materials	The mixture with compounds containing halides or active halogens can cause release of the respective halogen if moisture is present. For example, mixture with sodium dichloroisocyanuride or with sodium chloride can cause release of chlorine gas, mixture with cyanides can cause release of hydrogen cyanide gas, and heavy metal salts such as those of cobalt, nickel, copper, or manganese cause the evolution of oxygen.
Hazardous Decomposition Products	Decomposition releases oxygen gas.
Hazardous Polymerization Conditions to Avoid	Will not occur. Heat.

11. TOXICOLOGICAL INFORMATION

Toxicity	Oral LD ₅₀ (rat) = 200 mg/kg Inhalation LC ₅₀ (rat) > 5 mg/L / 4 hours Skin LD ₅₀ (rabbit) >11000 mg/kg
Routes of Exposure	Inhalation, ingestion, eye and skin
Health effects from likely routes of exposure	Inhalation: Inhalation may cause irritation of the upper respiratory passages with coughing and discomfort. Ingestion: Harmful if swallowed. Effects may include gastritis possibly progressing to necrosis or hemorrhage with large overexposures. Eye: Eye contact may cause eye corrosion or ulceration. Severe eye damage may result if not immediately treated. Skin: Skin contact with aqueous solutions or the dry powder upon contact with moisture or perspiration may cause skin burns or ulceration. Temporary body hair loss may occur in contacted areas. Skin contact with the product may cause allergic skin reactions in sensitive individuals. Human patch tests with the product diluted in water at concentrations up to 150 ppm did not cause allergic skin reactions.
Effects of Overexposure Existing Conditions Aggravated by Exposure Carcinogenicity	Necrosis or hemorrhage of the gastrointestinal tract. Individuals with pre-existing diseases of the skin or gastrointestinal tract may have increased susceptibility to the toxicity of excessive exposures. This product does NOT contain any IARC listed chemicals.

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12. ECOLOGICAL INFORMATION

Ecotoxicity	<p>Potassium sulfate: LC₅₀ (bluegill sunfish) – 3500mg/L / 96 hours</p> <p>Magnesium carbonate LC₅₀ (species unindentified)>1000 ppm / 96 hours</p>
Mobility	<p>Avoid contaminating waterways. No information available.</p>

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers	Dispose according to applicable local and state government regulations.
Special precautions for landfill or incineration	Please consult your state Land Waste Management Authority for more information

14. TRANSPORT INFORMATION

Classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail (ADG 7).

UN Number	3260
Proper Shipping Name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
Dangerous Goods Class	8
Subsidiary Risk	Not applicable
Hazchem Code	2X
Packing Group	III
Special Provisions	223, 274
Limited Quantities	5kg
Packagings & IBCs - Packing Instruction	P002, IBC08, LP02
Packagings & IBCs - Special Packing Provisions	B3
Portable Tanks & Bulk Containers – Instructions	T1
Portable Tanks & Bulk Containers – Special Provisions	TP33

15. REGULATORY INFORMATION

Potassium peroxymonosulphate, potassium sulphate, potassium bisulphate, magnesium carbonate and potassium peroxydisulphate are listed in the Australian Inventory of Chemical Substances (AICS).

Poisons Schedule: 5

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16. OTHER INFORMATION

Last Revision of MSDS Rev 2.0 (13/06/2012)
Prepared by MSDS.COM.AU Pty Ltd

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Abbreviations Used IARC: International Agency for Research on Cancer
STEL: Short term exposure limit
TWA: Time weighted average

Emergency Contacts

Focus Products Pty Ltd	1300 1 36287
Focus Products Pty Ltd – Emergency Number	0411 623 619 (A/H)
Police and Fire Brigade	000
Poisons Information Centre	13 11 26

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Please read instructions / label before using product.

This MSDS is prepared in accord with the Safe Work Australia document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]