

msds

MATERIAL SAFETY DATA SHEET

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SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT (MATERIAL) NAME OSPA EZI BALANCE
OTHER NAMES
RECOMMENDED USE SPA PH CONTROL CHEMICAL.
COMPANY NAME/ADDRESS Focus Products Pty Ltd
35 Moreton Street
Heathwood Qld 4110
PO Box131
Carole Park QLD 4300
TELEPHONE NO. 1800 42 55 66
EMERGENCY PHONE NUMBER 0411 623 619 (A/H)

SECTION 2 HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION Not classified as hazardous according to criteria of SAFEWORk Australia.
Not classified as dangerous according to criteria of ADG Code..
RISK PHRASE(S)
SAFETY PHRASE(S)

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Chemical identity of ingredients	Proportion of ingredients	CAS Number(s) for ingredients
Balance of formulation consists of other ingredients determined not to be hazardous.		

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SECTION 4 FIRST AID MEASURES

Swallowed: If poisoning occurs, contact a doctor or Poisons Information Centre 131126. If swallowed, do NOT induce vomiting. Give glass of water.
Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor
Skin: Remove contaminated clothing and wash before re-use. Wash effected areas with water initially, then soap and water. Seek medical advice if irritation persists
Inhalation: Remove victim to ventilated area. See a doctor.
Medical attention or special treatment required
ADVICE TO DOCTOR. Treat symptomatically

SECTION 5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Foam, Carbon Dioxide, Dry Chemical Powder, and Water fog.
HAZARDS FROM COMBUSTION PRODUCTS	Combustion will release toxic gasses. (CO _x & PO _x)
SPECIAL PROTECTIVE PRECAUTIONS AND EQUIPMENT FOR FIRE FIGHTERS	Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of decomposition (CO _x & PO _x) evolved.
<i>Additional information</i>	Not classed as flammable under ADG Code.
Hazchem Code	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES	Extinguish any source of flame. Wear protective goggles to prevent eye contamination. Evacuate area, clearing all unnecessary personnel. Contain liquid with soil/sand. Prevent liquid from entering storm water drains, basements or workpits.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP	Absorb spill with soil/sand and recover material into plastic drums. Label drums correctly. Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Normally suitable for disposal at approved land waste site.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Wear protective goggles and rubber gloves to prevent eye and skin contamination.
CONDITIONS FOR SAFE STORAGE	Keep containers tightly sealed when not in use. Store in a well-ventilated place and out of direct sunlight. Check area regularly for spills.
INCOMPATIBILITIES	Not to be loaded with dangerous when wet substances (Class 4.3), oxidising agents (Class 5).

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS	NOHSC has not assigned any exposure standards for this product.
BIOLOGICAL LIMIT VALUES	
ENGINEERING CONTROLS	Store in original containers.
PERSONAL PROTECTION:	Avoid unnecessary contact as good work practice. Wash contaminated clothing and protective equipment before storing and re-use. Wash hands before eating, smoking or using the toilet.
RESPIRATORY PROTECTION	It is usually safe to not use respiratory protection. However, there may be circumstances where use of a mask or other device is appropriate. Use judgement. For assistance in selecting suitable equipment consult AS/NZ1715.
EYE PROTECTION	Eye protective measures are normally necessary, and are suggested when using this product. Consult AS1336 and AS/NZ1337
PROTECTIVE GLOVES	Rubber, PVC or other protective gloves are necessary, and desirable, especially if product is being used frequently or for lengthy periods. Consult AS2161 for guidance.
CLOTHING	Clean overalls should be worn, preferably with an apron. Consult AS2919 for clothing guidance.
SAFETY FOOTWEAR	Wearing safety boots is advisory. Consult AS/NZ 2210 for advice on Occupational Protective Footwear.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	Clear to light straw coloured, mobile fluid.
<u>Flammability:</u>	product is not flammable.
<u>Melting Point:</u>	not applicable
<u>Boiling Point:</u>	100°C
<u>Flash Point:</u>	unknown
<u>Vapour Pressure:</u>	unknown
<u>Volatiles:</u>	Not stated
<u>Vapour Density</u>	unknown
<u>Flammability Limits</u>	unknown
<u>Specific Gravity:</u>	1.3-1.5
<u>Solubility in water</u>	completely miscible
pH as supplied	8.0-9.0

SECTION 10 STABILITY AND REACTIVITY

Chemical stability	Stable at rooms temperature, but will decompose above 200°C, after loss of water.
Conditions to avoid	Do not mix with oxidising agents (Class 5) or heat above 200°C.
Incompatible materials	Dangerous when wet substances (Class 4.3), oxidising agents (Class 5).
Hazardous decomposition products	Oxides of phosphorous as well as phosphines may be produced. This vapour would be toxic and corrosive.
Hazardous reactions	Oxidising agents (Class 5)

SECTION 11 TOXICOLOGICAL INFORMATION

SYMPTOMS OF EXPOSURE	
Swallowed:	Very low toxicity. Swallowing may cause gastrointestinal irritation with nausea, vomiting and diarrhoea. Very unlikely sufficient will be ingested to cause any permanent damage.
Eye:	May cause temporary discomfort and irritation. No permanent damage likely.
Skin:	Product has very low dermal toxicity and is not primary irritant or skin sensitiser
Inhalation:	Not a likely exposure route.
ACUTE	
DELAYED	
<i>Additional information</i>	

Aggravated medical conditions caused by exposure

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY	Unknown
PERSISTENCE AND DEGRADABILITY	Inorganic salts – not biodegradable.
MOBILITY	Water soluble
<i>ENVIRONMENTAL FATE (EXPOSURE)</i>	
<i>BIOACCUMULATIVE POTENTIAL</i>	

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS AND CONTAINERS	Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Normally suitable for disposal at approved land waste site.
SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION:	

SECTION 14 TRANSPORT INFORMATION

UN NUMBER	Not applicable
UN PROPER SHIPPING NAME	Not applicable
CLASS AND SUBSIDIARY RISK	Not applicable
PACKING GROUP	Not applicable
SPECIAL PRECAUTIONS FOR USER	Not applicable
HAZCHEM CODE	Not applicable

SECTION 15 REGULATORY INFORMATION

Poison Schedule	unscheduled
OHS	Not considered a hazard
Environmental	Not considered a hazard

SECTION 16 OTHER INFORMATION

Date of preparation or last revision of the MSDS	6 September 2012
Prepared by	Glenn Bowring B App Sc (App Chem)
<i>Additional information</i>	
<i>Key/legend to abbreviations and acronyms used in the MSDS.</i>	
ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
ACGIH	American Conference of Governmental Industrial Hygienists
ASCC	Australian Safety and Compensation Council
Code AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
EPG	Emergency Procedure Guide (superseded by IERG)
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IERG	HB 76-2004 Dangerous goods - Initial Emergency Response Guide
LEL	lower flammable (explosive) limits in air;
LD₅₀	Lethal Dose sufficient to kill 50% of test population
NIOSH	National Institute for Occupational Safety and Health The United States federal agency responsible for conducting research and making recommendations for the prevention of work-related injury and illness.
NOAEL	No Observed Adverse Effect Level
NOEL	No Observable Effect Level
NOHSC	National Occupational Health and Safety Commission
NTP	National Toxicology Program (USA)
PEL	Permissible Exposure Limit
RTECS	Registry of Toxic Effects of Chemical Substances (Symyx Technologies')
TCL_o	Toxic Concentration Low
TD_{Lo}	Toxic Dose Low : lowest dosage per unit of bodyweight (typically stated in milligrams per kilogram) of a substance known to have produced signs of toxicity in a particular animal species.
TLV	Threshold Limit Value (ACGIH):The time weighted average used to describe exposure which is harmless to most of the population when exposed 8 hours per day, 40 hours per week.
TWA	(Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
SAFework	Independent statutory agency with primary responsibility to improve occupational health and safety and workers' compensation arrangements across Australia.
STEL	(Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UEL	upper flammable (explosive) limits in air;
UN Number	United Nations Number
<i>Literature references.</i>	
<i>Sources for data.</i>	Material Safety Data Sheets from Suppliers Hazardous Substances Information System (HSIS)– ASCC Australia (on-line) ESIS (European Chemical Substance Information System) ADG Code 7 th Edition SUSMP N ^o 3

DISCLAIMER:

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Focus Products.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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