

msds

SAFETY DATA SHEET

Ref: FOCUS_SERENITY_SDS Page 1 of 5

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT (MATERIAL) NAME FOCUS / OSPA SERENITY (SPA OPTIMISER)
OTHER NAMES
RECOMMENDED USE As a spa conditioner to give "feel" to the water.
SUPPLIER 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) Hours: 0800-1700 Monday-Friday

SECTION 2 HAZARDS IDENTIFICATION

HAZARD Not classified as hazardous according to criteria of SAFework Australia.
CLASSIFICATION Not classified as dangerous according to criteria of ADG.
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
Formulation consists ingredients determined not to be hazardous or whose concentrations are below cut-off values.		

SECTION 4 FIRST AID MEASURES

Swallowed: For advice, contact a Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766) or a doctor. If swallowed, do NOT induce vomiting. Rinse mouth with water.
Eye: Immediately flush eyes with plenty of water holding eyelids open. If irritation persists, seek medical attention.
Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Medical attention or special treatment required
ADVICE TO DOCTOR. Treat symptomatically

SECTION 5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA In case of fire, appropriate extinguishing media include;
 Small fire- use dry chemical, carbon dioxide, water spray or foam.
 Large fire- use water spray, fog or foam.

HAZARDS FROM COMBUSTION PRODUCTS	Non-combustible solid. Material does not burn. Avoid generating dust. Containers may explode when heated. Incompatible with oxidizing agents, acids, Fire or heat may produce irritating fumes including acrid smoke, sodium oxide, carbon monoxide and gaseous carbon dioxide.
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 (NaO, SO _x PO _x) evolved.
<i>Additional information</i>	Not classed as flammable under ADG Code or AS 1940.
<i>Hazchem Code</i>	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES	Personnel involved in the clean up should wear full protective clothing. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Use spark-proof tools and equipment. Do not allow product to reach drains, sewers or waterways. If the product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management Authority.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP	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	Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment.
CONDITIONS FOR SAFE STORAGE	Wear protective goggles and rubber gloves to prevent eye and skin contamination. Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials including oxidizing agents, acids, moisture, water, sources of ignition. Protect from direct sunlight, moisture and static discharges. Store between 15 and 25°C in temperature. This product is not classified dangerous for transport according to ADG Code.
INCOMPATIBILITIES	Oxidizing agents, acids.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS	No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC) formerly known as NOHSC. However, the exposure standard for dust not otherwise specified is 10mg/m ³ (for inspirable dust) and 3mg/m ³ (for respirable dust).
BIOLOGICAL LIMIT VALUES	Currently, there are no Biological Exposure Indices (BEIs) determined for the components of this product.
ENGINEERING CONTROLS	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
<u>PERSONAL PROTECTION:</u>	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.
<u>RESPIRATORY PROTECTION</u>	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.
<u>EYE PROTECTION</u>	Eye protective measures are normally necessary, and are suggested when using this product. Consult AS1336 and AS/NZ1337
<u>PROTECTIVE GLOVES</u>	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.
<u>CLOTHING</u>	Clean overalls should be worn, preferably with an apron. Consult AS2919 for clothing guidance.
<u>SAFETY FOOTWEAR</u>	Wearing safety boots is advisory. Consult AS/NZ 2210 for advice on Occupational Protective Footwear.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	Granular white to light pink powder
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<u>Odour</u>	Rose
<u>Flammability:</u>	NA
<u>Melting Point:</u>	Unknown
<u>Boiling Point:</u>	NA
<u>Vapour Pressure:</u>	unknown
<u>Volatiles:</u>	0.5-1.0%
<u>Vapour Density</u>	unknown
<u>Flammability Limits</u>	unknown
<u>Specific Gravity:</u>	unknown
<u>Solubility in water</u>	soluble
<u>pH 1% solution</u>	9.0-9.5

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	Incompatible with strong oxidizing agents, mineral acids, bases, in combination with aluminium and magnesium, and sources of ignition. Avoid exposure to air.
Hazardous decomposition products	Oxides of sodium, sulphur and phosphorous may be produced. This vapour would be toxic and corrosive.
Hazardous reactions	Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

SYMPTOMS OF EXPOSURE

Swallowed:	Ingestion may cause irritation of the digestive tract. Extremely large oral doses may cause gastro-intestinal disturbances.
Eye:	Eye contact may cause mild irritation, redness and pain.
Skin:	May cause skin irritation, especially if the skin is moist. Repeated or prolonged exposure may cause drying and cracking of the skin.
Inhalation:	May cause respiratory tract irritation. High concentrations of dust may cause coughing and sneezing.

ACUTE

DELAYED

*Aggravated medical conditions
caused by exposure*

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY	No data available.
PERSISTENCE AND DEGRADABILITY	Methods for the determination of biodegradability are not applicable to inorganic substances.
MOBILITY	No information available on mobility for this product.
<i>ADDITIONAL INFORMATION</i>	
<i>ENVIRONMENTAL FATE (EXPOSURE)</i>	Avoid contaminating waterways, drains and sewers.
<i>BIOACCUMULATIVE POTENTIAL</i>	Concentration in organisms is not to be expected.

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.
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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	Not scheduled
OHS	Not considered a hazard
Environmental	Not considered a hazard

Additional national and/or international regulatory information.

SECTION 16 OTHER INFORMATION

Date of preparation or last revision of the MSDS	9 December 2014
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
Carcinogen Category Number	<ol style="list-style-type: none"> 1. Established human carcinogen 2. Probably human carcinogen 3. Substances suspected of having carcinogenic potential
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
IMDG	International Maritime Dangerous Goods. A uniform code for transport of dangerous goods at sea.
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')
TCL₀	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. These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
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

Literature references.

Sources for data.

Material Safety Data Sheets from Suppliers

Hazardous Substances Information System (HSIS)– ASCC Australia (on-line)

ESIS (European Chemical Substance Information System)

ADG Code 7th Edition

SUSMP N^o 4

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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