

msds

SAFETY DATA SHEET

Ref: FOCUS_FILTER_DEGREASER_SDS Page 1 of 4

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT (MATERIAL) NAME	FOCUS FILTER CLEANING POWDER		
OTHER NAMES			
RECOMMENDED USE	Pool Filter degreasing powder for cleaning oil body grease from sand filters by soaking in a dilution 20-40g/L		
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	Classified as hazardous according to criteria of SAFework Australia.
CLASSIFICATION	Classified as dangerous according to the criteria of ADG Code. Corrosive: Harmful :
RISK PHRASE(S)	R 34 Causes burns. R 37 Irritating to respiratory system.
SAFETY PHRASE(S)	S 1/2 Keep locked up and out of reach of children. S 13 Keep away from food, drink and animal feeding stuffs. S 24/25 Avoid contact with skin and eyes. S 22 Do not breathe dust. S 26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Chemical identity of ingredients	Proportion of ingredients	CAS Number(s) for ingredients
disodium metasilicate	X>20%	[6834-92-0]
sodium carbonate	10-30%	[497-19-8]
sodium hydroxide	2%<X<5%	[1310-73-2]
Balance of formulation consists of other ingredients determined not to be hazardous.		

SECTION 4 FIRST AID MEASURES

Swallowed:	If poisoning occurs, contact a doctor or Poisons Information Centre 131126 . If swallowed, do NOT induce vomiting. Give 1-3 cups of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention.
Eye:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Sterile isotonic eye drops may be applied to relieve minor irritation. If irritation

Skin:	persists seek medical attention. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhalation:	Remove victim from exposure-avoid becoming a casualty. For all but minor symptoms consult a doctor as soon as possible.
Medical attention or special treatment required	
ADVICE TO DOCTOR.	Treat symptomatically for exposure to strongly alkaline corrosive material.

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) and (SiO _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) & (SiO _x) evolved.
<i>Additional information</i>	Not classed as flammable, classed as Class 8 (Corrosive) under ADG Code
<i>Hazchem Code</i>	2X

SECTION 6 ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES	Extinguish any source of flame Evacuate area, clearing all unnecessary personnel. Contain liquid with soil/sand. Prevent liquid from entering storm water drains, basements or workpits. Wear protective goggles to prevent eye contamination. Absorb spill with soil/sand and recover material into mild steel drums. Label drums correctly.
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	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	Oxidising agents (Class 5), cyanides (Class 6), strong acids (Class 8) or foodstuffs.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS	Unknown for this product. As ingredients are considered corrosive TLV: 2mg/m ³ - Ceiling Value by NH&MRC ceiling value should not be exceeded even instantaneously. For a Mineral Dust TLV*: 5mg/m ³ (respirable): 10mg/m ³ (Total Dust).
BIOLOGICAL LIMIT VALUES	
ENGINEERING CONTROLS	Keep dust levels below TWA level. Use local exhaust or Personal Protective Equipment if levels exceeded.
<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 off-white powder characteristic pine odour
<u>Flammability:</u>	NA
<u>Melting Point:</u>	Unknown
<u>Boiling Point:</u>	NA
<u>Vapour Pressure:</u>	unknown
<u>Volatiles:</u>	0.5-10%

Vapour Density	unknown
Flammability Limits	unknown
Specific Gravity:	not tested
Solubility in water	99%
pH 1% solution	12.0-12.5

SECTION 10 STABILITY AND REACTIVITY

Chemical stability	Stable
Conditions to avoid	Do not mix with oxidising agents (Class 5) or Class 8
Incompatible materials	Not to be loaded with oxidising agents (Class 5), cyanides (Class 6), strong acids (Class 8).
Hazardous decomposition products	Upon combustion oxides of carbon (CO _x) and silica (SiO _x)
Hazardous reactions	Oxidising agents (Class 5), strong acids Class 8.

SECTION 11 TOXICOLOGICAL INFORMATION

sodium carbonate	Lowest Lethal Dose Oral(rat) 4000mg/kg, Human Lethal Dose approx. 30g
sodium metasilicate	no data
sodium hydroxide	LD ₅₀ intraperitoneal (mouse) 40mg/kg. : Oral Lowest Lethal Dose (rabbit) 500mg/kg

SYMPTOMS OF EXPOSURE

Swallowed:	Corrosive, will attack mucous membranes. May result in pain, nausea, vomiting, swelling of larynx and subsequent suffocation.
Eye:	Corrosive to eyes, contact may cause conjunctivitis, corneal burns and ulceration, which may result in permanent injury and possible sight loss.
Skin:	Corrosive to skin, may cause skin burns. Skin contact often does not cause pain , therefore take care to avoid contamination of gloves and boots. Irritant dermatitis may result for prolonged contact.
Inhalation:	Inhalation of dusts & mists will result in respiratory irritation and possible harmful corrosive effects including lesions of nasal septum, pulmonary odema, pneumonitis and emphysema.

ACUTE

DELAYED

Aggravated medical conditions caused by exposure

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY	Low
PERSISTENCE AND DEGRADABILITY	Product contains biodegradable surfactants.
MOBILITY	Mobile as substance is water soluble
<i>ADDITIONAL INFORMATION</i>	
<i>ENVIRONMENTAL FATE (EXPOSURE)</i>	No data
<i>BIOACCUMULATIVE POTENTIAL</i>	No data

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	3262
UN PROPER SHIPPING NAME	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
CLASS AND SUBSIDIARY RISK	8
PACKING GROUP	III
SPECIAL PRECAUTIONS FOR USER	Not applicable
IERG	37
HAZCHEM CODE	2X

SECTION 15 REGULATORY INFORMATION

Poison Schedule	5
OHS	Considered a hazard

Environmental

Not considered a hazard

Additional information

Additional national and/or international regulatory information.

SECTION 16 OTHER INFORMATION

Date of preparation or last revision of the MSDS

4 December 2014

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Additional information

Key/legend to abbreviations and acronyms used in the MSDS.

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	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')
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. 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
<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 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 Chemical House Pty Ltd. 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. Chemical House Pty Ltd however makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof and assumes no responsibility for injury to buyer or third persons or for any damage to property, Buyer assumes all risks.