

Material Safety Data Sheet

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 Product Name: **DRIFTER HULL CLEANER & STAIN REMOVER**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name DRIFTER HULL CLEANER & STAIN REMOVER
Product Code MCD1, MCD5, MCD20
Company Name Septone Products Pty Ltd (ABN 50 009 745 537)
Address 44 Aquarium Avenue HEMMANT
 QLD 4174
Emergency Tel. Business hours only: 1800 000 945 or New Zealand Poisons
 Information Centre 0800 764 766
**Telephone/Fax
 Number** Tel: (07) 3390 5044
 Fax: (07) 3390 5041
Email general@septone.com.au (For NZ customers other than in
 emergencies. Your supplier can be contacted)
**Recommended
 Use** Fibreglass restorer and rust stain remover.
**Other
 Information** The information herein is, to the best of our knowledge, correct
 and complete. It describes the safety requirements for this
 product and should not be construed as guaranteeing specific
 properties. Since methods and conditions of application are
 beyond our control, Septone does not accept liability for any
 damages resulting from the use of, or reliance on, this
 information, in inappropriate contexts.

2. HAZARDS IDENTIFICATION

**Hazard
 Classification** Classified as hazardous
 HAZARDOUS SUBSTANCE.
 DANGEROUS GOODS.
 Hazard classification according to the criteria of NOHSC.
 Dangerous goods classification according to the Australia
 Dangerous Goods Code.
Risk Phrase(s) Classified as hazardous
 R34 Causes burns.
Safety Phrase(s) S1/2 Keep locked up and out of reach of children.
 S26 In case of contact with eyes, rinse immediately with plenty
 of water and seek medical advice.
 S45 In case of accident or if you feel unwell seek medical advice
 immediately
**Sensitization of
 Product** None of the components of this product is considered to be a skin
 or respiratory sensitiser.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Liquid

Characterization

Ingredients	Name	CAS	Proportion	Hazard	R Phrase
	Water	7732-18-5	30-60 %		
	Phosphoric acid	7664-38-2	30-60 %	C	R34
	Ingredients determined not to be hazardous	-	0-10 %		R48

4. FIRST AID MEASURES

Inhalation	Rescuers should wear respiratory protection. Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation. For all but the most minor symptoms, seek medical attention.
Ingestion	Do NOT induce vomiting. Give water to drink. Seek immediate medical attention.
Skin	Remove contaminated clothing and launder before re-use. Wash affected skin thoroughly with soap and water. If swelling, blistering, redness or irritation occurs, 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 a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor, or for at least 15 minutes.
First Aid Facilities	A safety shower and an eye irrigation facility should be provided. This Material Safety Data Sheet should be provided to the attending medical doctor.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.
Special Protective Equipment for fire fighters	If this product is involved in a fire, firefighters should wear full protective equipment including and self contained breathing apparatus.
Specific Hazards	Hydrogen gas may be liberated on contact with metals, thus creating a fire and explosion hazard. Potential sources of ignition should be excluded from the immediate area.
Hazchem Code	2R

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Spillages are slippery. Personnel involved in cleaning up any spills are to wear rubber or PVC gloves and chemical goggles. Cordon off the spillage area. Isolate the source of the spillage or leak. For large amounts, contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and then transfer to correctly labelled, sealed plastic containers for disposal. Neutralise any remaining acid using a solution of mild alkali such as soda ash, then rinse the area clean with water. For minor spills, rinse the area clean with
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water.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Use in a well ventilated area. Ensure the appropriate personal protective equipment is used when handling this material. Use safe workplace practices and avoid contaminating waterways. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using toilet facilities.
Conditions for Safe Storage	Store in accordance with AS3780 in dangerous goods approved plastic containers in a bunded area away from heat, alkalies, flammable goods, oxidising agents, foodstuffs and empty foodstuff receptacles.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	<u>Name</u>	mg/m³ (STEL)	ppm (STEL)	mg/m³ (TWA)	ppm (TWA)	TWA <u>Footnote</u>
	Water	-	-	-	-	
	Phosphoric acid	3		1		
Engineering Controls	Phosphoric acid has a low vapour pressure at ambient temperature. However, if mists are produced during use, or if the product becomes vapourised by contact with a very hot surface, then the exposure standard for Phosphoric acid may be surpassed. Ensure that the ventilation is adequate to maintain air concentrations below the exposure standards. If necessary, provide corrosion resistant local exhaust ventilation, exhausting to the outside of the building. Do not enter confined spaces where the vapour may have accumulated.					
Personal Protective Equipment	Wear PVC gloves and chemical goggles and/or a face shield. An acid resistant respirator to AS 1716 is recommended if spray mists are produced during use. It is recommended that a shirt with long sleeves and long trousers be worn. Always wash skin and clothing after using this product.					

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Clear blue mobile liquid, neutral odour.
Boiling Point	100°C
Solubility in Water	Complete
Specific Gravity	1.265 @ 25°C
pH Value	0.8
Evaporation Rate	As for Water
Volatile Component	54.5% w/w
Flash Point	This product will not flash and does not support combustion.
Flammability	This product is not flammable under the conditions of use and does not support combustion. However, hydrogen gas may be

liberated on contact with metals, thus creating a fire and explosion hazard.

10. STABILITY AND REACTIVITY

Chemical Stability	Considered stable under normal conditions of use and storage. Store below 30°C. Keep out of direct sunlight. Keep containers closed when not in use.
Conditions to Avoid	No known conditions to avoid.
Incompatible Materials	Strong alkalies, strong oxidising agents.
Hazardous Decomposition Products	During combustion, this product may produce phosphorous oxides and carbon monoxide as well as other unidentifiable organic compounds.
Hazardous Reactions	Hydrogen gas may be liberated on contact with metals, thus creating a fire and explosion hazard.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation	Spray mists are corrosive and irritating to the nose, throat and respiratory tract.
Ingestion	Likely to cause chemical burns to the digestive tract. Moderate irritant. Oral LD50 (rat) 1530 mg/kg for Phosphoric acid.
Skin	Likely to cause chemical burns. Moderate skin irritant. Repeated or prolonged skin contact may lead to dermatitis. Dermal LD50 (rabbit) 2740 mg/kg for Phosphoric acid.
Eye	Severe eye irritant. May cause corneal damage.
Chronic Effects	No known chronic effects.
Reproductive Toxicity	None of the components of this product is considered to be toxic to the unborn foetus.
Mutagenicity	None of the components of this product is considered to be a mutagen
Carcinogenicity	None of the components of this product is considered to be a carcinogen.
Other Information	Spillages are slippery.

12. ECOLOGICAL INFORMATION

Information on Ecological Effects	The nonionic surfactant contained in this product is readily biodegradable, but is regarded as toxic to aquatic organisms. Whilst the aquatic toxicity of the components is relatively high (96 hour maximum safe concentration in the order of 1-5 mg/L), dilution of the product with the large excesses of water present and the relatively rapid biodegradation of the surfactant should ensure minimal ecotoxicity. High concentrations of this product in receiving waters will also injure aquatic life due to the effect of low pH. Low concentrations of this product in receiving waters may act as a plant nutrient or precipitate heavy metals. Therefore, the undiluted product should be prevented from
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entering waterways. If possible, the expended material should be drained to the sewer as sewerage treatment will greatly reduce damage to water quality.

13. DISPOSAL CONSIDERATIONS

Product Disposal	Dispose of large amounts in a suitable chemical dump (check the local statutory requirements).
Container Disposal	Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable.

14. TRANSPORT INFORMATION

Transport Information	Transport according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
U.N. Number	1805
Proper Shipping Name	PHOSPHORIC ACID
DG Class	8
Hazchem Code	2R
Packaging Method	3.8.8RT8
Packing Group	III
EPG Number	8A1
IERG Number	37
IMO Marine Pollutant	Not classified as a Marine Pollutant, according to the International Maritime Dangerous Goods Code.

15. REGULATORY INFORMATION

Poisons Schedule	S6
HSNO Approval Number	HSR002526. Full HSNO Classification Details: Group Standard: Cleaning Products (Corrosive) Group Standard 2006. HSNO Approval Number: HSR002526. HSNO Classification: 6.1D (Oral) - Substance that is acutely toxic 6.1E (Dermal) - Substance that is acutely toxic 8.1A - Substance that is corrosive to metals 8.2C - Substance that is corrosive to dermal tissue 8.3A - Substance that is corrosive to ocular tissue 9.1D - Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action 9.3C - Substance that is harmful to terrestrial vertebrates Hazard statement codes: H290 May be corrosive to metals. H303 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. Precautionary statement codes - Prevention: P102 Keep out of reach of children.

P103 Read label before use.
P234 Keep only in original container.
P260 Do not breathe fume/mist/vapours/spray.
P264 Wash exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement codes - Response:
P101 If medical advice is needed, have product container or label at hand.
P310 Immediately call a POISON CENTER or doctor/physician.
P390 Absorb spillage to prevent material damage.
INGESTION
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
INHALATION
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
EYES
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
SKIN
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 Wash contaminated clothing before reuse.
Precautionary statement codes - Storage:
P405 Store locked up.
P406 Store in corrosive resistant container with a resistant inner liner.
Precautionary statement codes - Disposal:
P501 Dispose of contents/container according to relevant local, state and federal government regulations including 'The Hazardous Substances (Disposal) Regulations 2001.' Refer to section 13 of this Material Safety Data Sheet.

**Hazard
Category**

Corrosive

**AICS
(Australia)**

To the manufacturer's best knowledge, all of the components of this product are listed on AICS.

16. OTHER INFORMATION

**Contact
Person/Point**

Technical Manager (07) 3390 5044

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