

Material Safety Data Sheet

Infosafe No™. SEP8N Issue Date: March 2012
 Product Name: RUST RINSE

ISSUED by SEPTONE CS:
1.7.2

Classified as hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name RUST RINSE
Product Use Gelcoat restorer and rust stain remover.
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 Tel: (07) 3390 5044
Number/Fax Fax: (07) 3390 5041
Other Names Name Mancode
 TAYLOR MARINE RUST RINSE MCRR20
 DARWIN SHIP STORES RUST RINSE MCCRDS20
Email general@septone.com.au (For NZ customers other than in
emergencies. Your supplier can be contacted)
Other The information herein is, to the best of our knowledge, correct
Information 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. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Liquid
Characterization

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard</u>	<u>R Phrase</u>
	Water	7732-18-5	60-100 %		
	Phosphoric acid	7664-38-2	30-60 %	C	R34
	Ingredients determined not to be hazardous	-	0-10 %		R48

3. HAZARDS IDENTIFICATION

Reproductive Causes burns.
Toxicity None of the components for this product is considered to be toxic to the unborn foetus.

Mutagenicity	None of the components for this product is considered to be a mutagen.
Carcinogenicity	None of the components for this product is considered to be a carcinogen.
Chronic Effects	No known chronic effects.
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.

4. FIRST AID MEASURES

	For advice contact a poisons information centre (phone Australia 13 1126, New Zealand 0800 764 766) or a doctor.
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	Hold the eyes open and flush with water for at least 15 minutes. Seek immediate medical attention.
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

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

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Spillages are slippery. Personnel involved in cleaning up any spills are to wear rubber or PVC gloves, chemical goggles and protective clothing. Cordon off the spillage area. Isolate the
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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 sealed plastic containers for disposal. Dispose of large amounts in a suitable chemical dump (check the local statutory requirements). Neutralise any remaining acid using a solution of mild alkali such as soda ash or lime, then rinse the area clean with water. For minor spills, rinsing the area clean with an excess of water to the effluent system would be adequate.

7. HANDLING AND STORAGE

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.
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	Name	mg/m3 (STEL)	ppm (STEL)	mg/m3 (TWA)	ppm (TWA)	TWA Footnote
	Water	-	-	-	-	
	Phosphoric acid	3		1		
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.					
Eng. 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.					

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear blue mobile liquid, neutral odour.
Boiling Point	100°C
Solubility in Water	Complete
Specific Gravity (H2O=1)	1.20 @ 25°C
pH Value	0.8
Evaporation Rate	As for Water

Volatile Component	64% 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, this product may liberate Hydrogen gas on contact with metals, thus creating a fire and explosion hazard.

10. STABILITY AND REACTIVITY

Stability	Considered stable. No known conditions to avoid.
Hazardous Polymerization	Will not occur.
Materials to Avoid	Strong alkalies and strong oxidising agents. Metals such as mild and galvanised steel, aluminium, copper, brass and bronze.
Hazardous Decomposition Products	During combustion, this product may produce phosphorous oxides and carbon monoxide as well as other unidentifiable organic compounds.

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 for this product is considered to be toxic to the unborn foetus.
Mutagenicity	None of the components for this product is considered to be a mutagen.
Carcinogenicity	None of the components for this product is considered to be a carcinogen.
Skin Sensitisation	None of the components for this product is considered to be a skin or respiratory sensitiser.
Other Information	Spillages are slippery.

12. ECOLOGICAL INFORMATION

Information on Ecological Effects	The nonionic surfactant used 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.
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Therefore, the undiluted product should be prevented from entering the waterways and if possible, the expended material should be drained to the sewer as sewerage treatment will greatly reduce damage to water quality.

Bioaccumulation The calcium salt of the acid is a normal constituent of bone. May contribute to the eutrophication of confined surface water.

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 according to the Australian Dangerous Goods Code.

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

Risk Phrase R34 Causes burns.

Safety Phrase 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

Poisons Schedule S6

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

Poisons S6

Schedule**Hazard**

Corrosive

Category**...End Of MSDS...**

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