

MATERIAL SAFETY DATA SHEET: GLOBAL GREEN NON-PHOS CONCENTRATE

Issue Date: December 2010
Infosafe No. LPUQQ

1. IDENTIFICATION OF THE SUBSTANCE/PREPARTION/COMPANY/UNDERTAKING

Product Name: GLOBAL GREEN NON-PHOS CONCENTRATE

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Recommended Use: Water based truck wash and workshop cleaner in concentrate form. Dilute at 1 part Global Green Non-Phos Concentrate to 4 parts water prior to use, then refer to label for required dilutions.

Other Information: The information on this Data Sheet represents our current data and best opinion as to the proper handling of this product under normal circumstances.
Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:	Name	CAS	Proportion
	Ingredients determined not to be hazardous.		30-60 %
	Surfactant blend	Proprietary	30-60 %
	Propylene glycol	57-55-6	10-30 %
	Citrus salt		0-10 %

4. FIRST AID MEASURES

Inhalation:	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.
Ingestion:	DO NOT induce vomiting. Wash out mouth with water and then give water to drink. Seek medical attention.
Skin:	Wash affected area thoroughly with copious amounts of water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
Eye:	If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
First Aid Facilities:	Eye wash and normal washroom facilities.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing media suitable for surrounding environment.
Hazards from Combustion Products:	Under fire conditions this product may emit toxic and/or irritating fumes.
Special Protective Equipment for fire Fighters:	Fire fighters should wear full protective clothing and self-contained breathing apparatus.
Hazchem Code:	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Wear appropriate protective clothing to prevent exposure. Stop leak if safe to do so. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Mop up the remaining material and place into the same container. Prevent contamination of drains and waterways. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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7. HANDLING AND STORAGE

Precautions for Safe Handling:	Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere should be prevented. Wear relevant protective equipment to avoid exposure. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for Safe Storage:	Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use and protect against physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:

<u>Name</u>	<u>STEL</u>		<u>TWA</u>		<u>Footnote</u> (Total vapour and particulates)
	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	
Propylene glycol			474	150	

Other Exposure Information:

No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC). However, exposure standards for ingredients are stated above: As published by the National Occupational Health and Safety Commission (NOHSC):
 TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
 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.
 According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

Engineering Controls:

Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

Respiratory Protection:

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances.
 Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection:

Safety glasses with side shields, chemical goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection:

Wear gloves of impervious material such as PVC or rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.
 Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection:

Suitable protective clothing should be worn e.g. cotton overalls but toned at neck and wrist. When this product is handled the use of plastic aprons and rubber boots is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear green, viscous liquid.
Odour:	Mild glycol odour.
Melting Point:	< 0°C
Boiling Point:	100°C.
Solubility in Water:	Not available.
Specific Gravity:	1.2 @ 20°C.
pH Value:	Neat 8.5 - 9.5 (1% solution 8 - 9).
Vapour Pressure:	18mmHg @ 20°C.
Vapour Density (Air=1):	Not available.
Flash Point:	Not available.
Flammability:	Non flammable.
Auto-Ignition Temperature:	Not applicable.
Flammable Limits - Lower:	Not applicable.
Flammable Limits - Upper:	Not applicable.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Not available.
Incompatible Materials:	Strong oxidising agents.
Hazardous Decomposition Products:	Under fire conditions this product may emit toxic and/or irritating fumes.
Hazardous Reactions:	Not available.

11. TOXICOLOGICAL INFORMATION

Toxicology Information:	No toxicity data is available for this specific product.
Inhalation:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin:	May cause redness, itching and irritation.
Eye:	May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects:	None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No ecological data available for this product.
Persistence / Degradability:	Not available.
Mobility:	Not available.
Environ. Protection:	Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose of waste according to federal, EPA and state regulations.

14. TRANSPORT INFORMATION

Transport Information:	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
U.N. Number:	None Allocated
Proper Shipping Name:	None Allocated
DG Class:	None Allocated
Hazchem Code:	None Allocated
Packing Group:	None Allocated

15. REGULATORY INFORMATION

Poisons Schedule: Not Scheduled

16. OTHER INFORMATION

Date of preparation: MSDS created: August 2005.

Last revision of MSDS: August 2010

All information contained in this bulletin is as current and accurate as possible. The company reserves the right to alter formulations and specifications as necessary. As Global Spill Control cannot control or envisage the conditions that this information is used under, we recommend that each user review the information contained for their specific end use. We will not be responsible for any damages of any type resulting from use of or reliance on the information. No expressed or implied warranties are given apart from those implied by mandatory legislation.

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