

This product meets Green Seal™ Standard GS-34 based on effective performance and protective limits on: VOCs, ozone depleting chemicals, and human & environmental toxicity. GreenSeal.org



BLUE OCEAN
wash™

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MATERIAL SAFETY DATA SHEET

NAME: BLUE OCEAN WASH

DATE: 28.08.2014

1. PRODUCT INFORMATION

Trade Name:	BLUE OCEAN WASH
Product Description:	Water Based Degreaser

2. COMPOSITION

Glutamic acid, N, N-diaceticacid, Tetrasodium salt	51981-21-6 <1%
C6 Alkyl Glucoside	54549-24-5 <2%
Propylheptanol Ethoxylate	102-71-6 <2%
Primary alkane Sulfonate	5324-84-5 <5%

3. HAZARDS IDENTIFICATION

Flammability:	Non-flammable at use dilutions
Chemical Hazard:	Avoid contact with acids and oxidizing materials
Reproduction Hazard:	No data available
Health Effects - Skin:	Mild irritant
Health Effects - Ingestion:	Mild irritant
Health Effects - Inhalation:	Mild irritant
Carcinogenicity:	None of the components are considered carcinogens
Mutagenicity:	None of the components are considered mutagens
Neurotoxicity:	None of the components are considered neurotoxins

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4. FIRST AID MEASURES

Product in eye:	Flush with water for 15 minutes.
Product on skin:	Remove contaminated clothing. Wash with lots of water.
Product ingested:	Rinse Mouth with Water. Seek medical attention
Product inhaled:	Remove to fresh air. Consult Physician

5. FIRE FIGHTING MEASURES

Extinguishing media:	Use any type
Special hazards:	Avoid contact with acids and strong oxidizing agents
Protective clothing:	For chemical resistant suit with self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear full protective clothing
Environmental precautions:	Do not release into natural waterways
Small spills:	Flush away with water
Large spills:	Contained with inert material

7. HANDLING AND STORAGE

Suitable material:	Plastic drums
Handling/storage precautions:	Store in a cool, dry place

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:	MAC = 2mg/m ³
Engineering control measures:	Adequate ventilation in phases of use
Personal protection - Respiratory:	Work in places of adequate ventilation
Personal protection - Hands:	Wear gloves
Personal protection - Eyes:	Wear goggles or plastic face shield
Personal protection - Skin:	Overall, plastic apron
Other protection:	Gum boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odour:	Surfactant
pH:	10.9
Boiling Point:	100°C
Melting Point:	Not applicable
Flash Point:	86°C
Flammability:	Non - Flammable
Auto-flammability:	Not applicable
Explosive Properties:	Not applicable
Oxidizing Properties:	Not applicable
Vapour Pressure:	No data available
Density:	1.01 kg/litre
Solubility – Water:	Complete
Solubility – Solvent:	Insoluble
Solubility – Coefficient:	No data available
Neurotoxicity:	Not neurotoxic

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions
Hazardous decomposition products:	No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of aerosols may cause irritation to mucous membranes
	Thermal decomposition can lead to release of irritating gases and vapours
Skin:	May cause skin irritation in susceptible persons
Ingestion:	May cause irritation of the mucous membranes
Acute oral toxicity:	LD50 rat Dose: >2,000 mg/kg. The value is estimated from tests on similar products.

12. ECOLOGICAL INFORMATION

Biodegradability:	Product readily biodegradable.> 80%, OECD 301B test.
Eco toxicity:	Toxicity to Aquatic Life (based on aquatic toxicity of ingredients and tests performed) Acute LC50 Fish > 100 mg/L Acute LC50 Algae > 100 mg/L Acute LC50 Daphnia > 100 mg/L Data support this assertion are held at the manufacturer

13. DISPOSAL CONSIDERATION

Product:	Do not dispose of waste into sewer Do not contaminate ponds, waterways or ditches with chemical or used container Hazardous waste.
Contaminated packaging:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers

14. TRANSPORT INFORMATION (ACCORDING TO SABS 0228 AND 0229)

ADG:	Not dangerous goods
IATA:	Not dangerous goods
IMDG:	Not dangerous goods
Not classified as dangerous in the meaning of transport regulations.	

15. REGULATORY INFORMATION

Labeling according to NOHSC:1008 Approved	
Symbol(s)	Xi Irritant
S-phrase(s)	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39 Wear eye/face protection. S60 This material and its container must be disposed of as hazardous waste.
Notification status	
REACH :	y (positive listing) This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).
TSCA :	All actives On TSCA Inventory
For explanation of abbreviation see section 16	
Other regulations:	This product is to be considered as a preparation according to EU legislation. This surfactant complies with the biodegradability criteria as laid down in regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the manufacturer

16. OTHER INFORMATION

REACH	1907/2006 (EU)
TSCA	TSCA Inventory

17. PREPARED BY

Hannes Hattingh	28 August 2014
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