



A Division of
South West Lubricants, Inc.

Material Safety Data Sheet
BIO WASH

Last updated: July 2012

1. Product and Company Identification

Product Trade Name BIO WASH
CAS Number Not applicable for mixtures
Generic Chemical Name Water based detergent
Product Type Cleaner
Transportation Emergency CHEMTREC 1-800-424-9300 (Outside USA 703-527-3887)
MSDS No. 80-85932
MSDS Website www.MaximaUSA.com

2. Composition/Information on Ingredients

Common Name	Chemical Name	CAS No.	Range (%)
Propylene Glycol N-Butyl Ether		5131-66-8	2-10
Trade Secret Registry		735517-5097P	1-5
Trade Secret Registry		735517-5107P	1-5
Monoethanolamine		141-43-5	1-5
Distilled Tall Oil		8002-26-4	1-5

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 19*10.1200).

3. Hazards Identification

EMERGENCY OVERVIEW

Form Liquid
Color Blue
Odor None
Hazard Summary May be harmful by inhalation and if swallowed. May cause irritation of eyes and skin.
Routes of Entry Inhalation = Yes Skin = Yes Ingestion = Yes

Chemical Listed as Potential Carcinogens

NTP: No IARC: No OSHA: No

4. First Aid Measures

Eye Flush or rinse eye with water while holding eyelid open. Remove contact lenses, if worn. If irritation or redness persists, seek medical attention.
Skin No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.
Ingestion As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.
Inhalation If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.



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5. Fire Fighting Measures

FIRE CLASSIFICATION: Does not flash

EXTINGUISHING MEDIA Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions Containers exposed to intense heat from fires must be cooled with water and removed from danger if it can be done with minimal risk.

Combustion Products Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

6. Accidental Release Measures

Protective Measures Use personal protective equipment

Spill Management Stop the source of the release. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

7. Handling and Storage

Handling When used as intended, no additional protective equipment is necessary. Use chemical goggles if likelihood of eye contact. Wash unintentional residue with soap and water. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Storage Store containers in a dry and tightly closed container to avoid moisture absorption and contamination. Store indoors in a cool, well ventilated space. Keep away from any incompatible material (see section 10.) Protect container(s) against physical damage.

8. Exposure Controls/Personal Protection

Exposure Limits	ACGIH TLV		OSHA PEL		UNITS
	TWA	STEL	TWA	STEL	
Monoethanolamine	3		3		ppm

Ventilation Use in areas of adequate ventilation.

Gloves Use nitrile or neoprene gloves.



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Eye Protection	Safety glasses, goggles or face shield are recommended.
Respiratory	Use NIOSH/MSHA approved respirator with organic vapor cartridge and dust/mist cartridge is recommended if exposure limit is exceeded. Self-contained breathing apparatus is recommended for confined space entry.
Clothing	Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

9. Physical and Chemical Properties

Appearance and Odor	Liquid, Light green color
pH	10.0
Vapor Pressure	ND
Density (Air = 1)	1.0
Boiling Point	210°F
Solubility	Completely soluble in water
Freezing Point	32°F
Melting Point	NA
Specific Gravity	1.00 @ 15.6 °C / 15.6 °C
Volatile Organic Compounds (VOC)	0
Viscosity (40 °C)	ND

10. Stability and Reactivity Data

Chemical Stability	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Incompatibility With Other Materials	May react with strong acids.
Hazardous Decomposition Products	Combustion may produce carbon monoxide, carbon dioxide, nitrogen oxides and ammonia.
Hazardous Polymerization	Hazardous polymerization will not occur.

11. Toxicological Information

Toxicity	Mixture, ND
Acute Oral Toxicity:	Propylene Glycol N-Butyl Ether LD50, rat Dose: 3,300 mg/kg
	Monoethanolamine LD50, rat Dose: 2,140 mg/kg

12. Ecological Information

This material is expected to have minimal adverse affects on marine and plant life. Spills may contaminate drinking water. This material is biodegradable.



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13. Disposal Considerations

Disposal Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Consult federal, state and local regulations regarding disposal methods. Do not contaminate oil with solvents or other chemicals.

14. Transport Information

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT (Ground)

Shipping Name NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR

IMDG (Overseas)

Shipping Name NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR

IATA (Air)

Shipping Name NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR

15. Regulatory Information

TSCA All components of this material comply with US TSCA requirements.

SARA 313 This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

CAL PROP 65 Not listed

RCRA Not listed

CERCLA Listed

16. Other Information

NFPA RATINGS Health: 1 Flammability: 0 Reactivity: 0
HMIS RATINGS Health: 1 Flammability: 0 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.