

MATERIAL SAFETY DATA SHEET

SECTION 10-REGULATORY INFORMATION

SDS Title III - Section 311/312 -Hazard Categories:

No - Fire Hazard
 No - Sudden Release of Pressure Hazard
 No - Reactivity Hazard
 Yes - Immediate (acute) Health Hazard
 Yes - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Cleaning Compound
 FOR 1 GALLON CONTAINERS : Cleaning Compound
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMS Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:

CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#:	Chemical Name:	Percent by Weight:
	None	
	Chemical Name	Percent by Weight
CAS#:	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product



For Use On:
 Floors
 Walls
 Concrete
 Porcelain

Tools
 Desks
 Tables
 Plastic

Chrome
 Refrigerators
 Painted Surfaces
 Vinyl

DESCRIPTION

Piranha Brand Formula Blue is a revolutionary blend of synthetic detergents formulated for a variety of cleaning tasks. Works equally well in hard or soft, hot or cold water. Leaves surfaces sparkling clean with no residual film.

DIRECTIONS

Dilute as follows:

LIGHT DUTY CLEANING: Use 1 oz. per each gallon of water.
MEDIUM DUTY CLEANING: Use 2 oz. per each gallon of water.
HEAVY DUTY CLEANING: Use 4 oz. per each gallon of water.

Apply product this by spray, mop, sponge, cloth or auto-scrubber to surfaces to be cleaned. If necessary, agitate to help remove excessive soils. Wipe dry with clean cloth or rinse thoroughly with clean water after use. These directions are flexible rather than specific. In many cases a more dilute solution can be used, while for extreme conditions a less dilute solution may be used.



PRODUCT SPECIFICATIONS

Active Ingredients: 14.0 ± 0.5%
Color: Blue
Odor: Lemon
pH: 10.5 - 11.0
Viscosity: Water thin
Foam: Moderate
Abrasives: None
Phosphate Content: None
Solubility: Complete with water

Emulsification: Excellent
Detergency: Excellent
Rinsability: Complete with water
Flash Point: None (waterbased)
Biodegradability: Complete
Storage/Stability: 2 years
Weight per Gallon: 8.85 lbs./gal.
Freeze / Thaw Stability: Keep from freezing

BIO SHINE

190 Summerhill Rd.
 Spotswood, NJ 08884
 Ph: (732) 251-9506

Spotswood, NJ 08884
 Fax: (732) 251-9586

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Bio-Shine
 Supplier's Address: 190 Summerhill Rd., Spotswood, NJ 08884
 Supplier's Phone #: (732) 251-9506
 Product Name: Formula Blue
 Generic Name: All Purpose Cleaner
 Chemical Family: Detergent Blend
 Formula: Proprietary

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Tetrasodium EDTA	64-02-8	5 to 10			
Nontoxic Surfactant	9016-45-9	0 to 5			
Isopropyl Alcohol	67-63-0	0 to 5	400 ppm	400 ppm	500 ppm
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 210 F.
 Specific Gravity: 1.06
 Vapor Pressure: 20mm Hg @ 68 F.
 Vapor Density (Air=1): >1%
 Volatile: 85+
 pH: 10.5-11.0
 Solubility in Water: Complete
 Evaporation Rate (Water=1): <1
 Physical Description: Thin blue liquid with pleasant odor.

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
 Upper Explosion Limit: N/A
 Lower Explosion Limit: N/A
 Extinguishing Media: N/A
 Special Firefighting Procedures: Non Flammable
 Unusual Fire and Explosion Hazards: N/A

(Prepared According to 29 CFR 1910.1200) N/A = Not Applicable Revision: n/a
 Prepared by: Regulatory Affairs Dept., J. Gable Effective Date: 9/01

SECTION 5-REACTIVITY DATA

Stability: Stable
 Hazards Polymerization: None
 Hazards Decomposition: Will not occur.
 Products: Strong acids and oxidizers.
 Incompatibility (Materials to Avoid):

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

Skin: Prolonged or repeated contact may cause dermatitis.
 Eyes: Eye irritant. May cause redness or swelling.
 Inhalation: Breathing of mists may cause irritation to nose, throat, and lungs.
 Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:

Skin: Flush with water. Seek medical attention if irritation persists.
 Eyes: Flush with large quantities of water; holding eyelids open. Seek medical attention.
 Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.
 Ingestion: Dilute with 2 glasses of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
 Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 in-ingredients below acceptable limit.
 Protective Gloves: Chemical resistant neoprene or rubber.
 Eye Protection: Full face shield or chemical splash goggles when handling.
 Other Protective Equipment: Eyewash station should be provided nearby.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.