

L-1820 BLUE BLASTER

Product Description

A highly concentrated industrial grade cleaner and heavy duty degreaser that is so unique that a patent has been issued for its synergistic action. Spontaneously emulsifies greasy, oily soil. May be used with conventional mop and bucket or spray application, but this product is a must for use with pressure washers and automatic scrubbers where cleaning solutions are only in contact with soils for a few seconds and must act quickly. Contains no butyl or petroleum or chlorinated solvents. Authorized by USDA for use in federally inspected meat and poultry plants. U.S Patent No. 4,065,409

Directions For Use

The amount of product needed for an individual cleaning job depends on the amount and type of soil. The dilutions below are therefore recommended start points and should be increased or decreased based on experience with your particular cleaning jobs.

Pressure Washers: Adjust spray nozzle to deliver approximately 1 part product to 30 to 60 parts water.

For Steam Cleaning: To the concentrate solution tank, mix 4 to 16 ounces to each gallon of water. Adjust the solution tank valve to obtain amount of cleaner required for different soil conditions.

Mop & Bucket: 1 pint to 1 quart in 3 gallons of water (1:12 to 1:24).

Spray Cleaning: Premix solution of 1 or 2 ounces per gallon to fill sprayer.

For Soak Tanks or Ultrasonics: This product can be used at 12 ounces per gallon of water (1:10).

Cautions

DANGER. CAUSES BURNS. KEEP OUT OF REACH OF CHILDREN. Contains Sodium Hydroxide. Do not get in eyes, on skin, or on clothing. If eye or skin contact occurs, flush immediately with water for at least 15 minutes. Call a physician. Wash contaminated clothing before reuse. If swallowed, DO NOT induce vomiting. Give large quantities of water. Give at least one ounce of vinegar in an equal amount of water. Seek immediate medical attention. Sodium hydroxide (C.A.S.# 1310-73-2) Sodium metasilicate (C.A.S.# 6834-92-0) Sodium carbonate (C.A.S.# 497-19-8) Nonylphenolpolyethoxyethanol (C.A.S.# 9016-45-9). Other substances in this product constitute less than one percent.

Specifications

<i>Odor</i>	Mild Musty
<i>Appearance</i>	Clear, Blue Liquid
<i>pH (1.0% solution)</i>	13.5 (approx.)
<i>Specific Gravity</i>	(H ² O=1) 1.145 ± 0.005
<i>Foaming</i>	Copious
<i>Flash Point</i>	None
<i>Solubility in Water</i>	Complete

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MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

SECTION 1: PRODUCT IDENTIFICATION

Distributor: Progressive Systems Inc.	Emergency Phone Number: (302) 732-3321
Address: P.O. Box 35 - 25 Hickory Street Frankford, Delaware 19945	
Trade Name: L-1820 Blue Blaster	Product Type: Alkaline Cleaner

SECTION 2: HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	C.A.S. NUMBER	PERCENT (OPTIONAL)	TLV (SOURCE)
Sodium Hydroxide	1310-73-2		2 mg/m ³ (ACGIH)

SARA HAZARD TITLE III, SECTION 323: Contains the starred (*) ingredients at the indicated percentages.
Other ingredients in this product are: ☒ Less than 1.0 % by weight or 0.1% for carcinogens ☒ Not Hazardous ☒ Declared to be Trade Secret

SECTION 3: PHYSICAL DATA

Boiling Point (° F): Near 212	Specific Gravity (H2O = 1): 1.060 ± 0.005	pH: 13.0 (approximately)
Vapor Pressure (mm Hg): Not determined		Vapor Density (air = 1): Not determined
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)		
Evaporation Rate (vs. Water): <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the same		
Appearance and Odor: Clear, Blue Colored Liquid. Slight detergent odor.		

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) ° F: None to boiling	Flammable Limits: Upper - Not Established Lower - Not Established
Extinguishing Media: As appropriate for surrounding fire. CO ² , Dry Chemical Foam, Water Spray. Water spray to cool drums and prevent rupture.	
Special Firefighting Procedures: Do not enter confined fire spaces without appropriate protective gear and self-contained air supply.	
Unusual Fire or Explosion Hazards: None known.	

SECTION 5: STABILITY AND REACTIVITY DATA

Stability: Product is stable.	Polymerization: Will not occur
Hazardous Decomposition Products: Carbon monoxide.	Incompatibility: Strong Oxydizers and Acids

SECTION 6: HEALTH HAZARDS

Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Over exposure (Acute): Eyes and skin: Cause severe irritation or even burns, depending on duration of exposure. Ingestion: Pain and inflammation of the mouth, pharynx, esophagus and stomach. Causes erosion of the mucous membranes, especially the stomach. Vomiting will usually occur. Inhalation: Do not concentrate and inhale vapors. Inhalation of mist or spray may cause damage to the tissues of the respiratory tract. Depending on the severity of the exposure, chemical pneumonitis could result. None from vapors or mist with proper ventilation.
Signs and symptoms of overexposure (Chronic): None known Medical Conditions Aggravated by Overexposure: None known

SECTION 7: EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush immediately with water for at least 15 minutes. Call a physician.	Skin: Flush immediately with water for at least 15 minutes. Call a physician.
Ingestion: Immediately drink lots of water. Do not induce vomiting. If available, give 1 oz. of vinegar in an equal amont of water. If vomiting occurs, keep head below hips to avoid aspiration. Never give anything by mouth to an unconscious person. Seek immediate medical attention.	
Inhalation: Remove exposed person to fresh air. Treat symptomatically. Seek medical attention.	

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not needed under normal conditions of use. Eye Protection: Safety Glasses/Goggles Protective Gloves: Rubber, Latex, Nitrile
Ventilation Requirements: <input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Room Ventilation is adequate.

SECTION 9: SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: Flush spill area with water. For large spills, contain spill, then pick up with mop, wet-vac, or absorbent. Wash residue to sewer. Non toxic and biodegradable. **Waste Disposal Method:** Dispose of in accordance with Federal, State and Local ordinances.

SECTION 10: STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Do not get in eyes, on skin or clothing. Do not mix with other chemicals. Use with adequate ventilation. Wash thoroughly after handling. Avoid breathing mists or vapors. Keep container closed. Store in a cool, dry place away from strong oxidizers or acids.

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product under normal condition of use.

Date Prepared: 2/11/2013

Supersedes: None

Code: L-1820 Blue Blaster