

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0

Health: 2

Reactivity: 0

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name, Address: **Franklin Cleaning Technology - P.O. Box 214 - Great Bend, KS 67530**

Product Name: Blu-Lite

Product Number: F9685

Chemical Family: Aqueous solution of phosphoric acid and surfactants.

Package Size: 32 & 64 oz; 1 & 2 L

EPA Reg. No: 1124-69

Emergency Telephone No. 620-792-1711

Preparer Tom Keyse

Date: 8/17/04

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
*Water	7732-18-5	NE	NE	>70
Phosphoric acid	7664-38-2	1 mg/m3	1 mg/m3	>20
*Didecyl dimethyl ammonium chloride	9036-19-5	NE	NE	0.25

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	<input checked="" type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Liquid/Solid	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Combustible	<input type="checkbox"/>	Flammable Aerosol	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Compressed Gas	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Unstable - Reactive:	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>

Boiling Point, °F: 212°F

Solubility in Water: Complete

Evaporation Rate: 1

Vapor Pressure: Unknown

Specific Gravity (water =1): 1.12

pH: 1

Vapor Density: Unknown

%Volatiles by Weight: 79

Appearance and Odor: Blue opacified liquid with cherry fragrance.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None

Flammable Limits: LEL: N/A

UEL: N/A

Extinguishing Media: N/A

Special Fire: None

Fighting Procedures:

Unusual Fire and: None

Explosion Hazards:

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable

Conditions to Avoid: N/A

Incompatibility: Mix only with water.
(Materials to Avoid)

Hazardous Decomposition: None

Products or Byproducts:

Hazardous Polymerization: May Occur:

Will Not Occur:

Conditions to Avoid: n/a

Comments:

*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 & the New Jersey Worker & Community Right to Know Act of 1983.

SECTION VI - HEALTH HAZARD DATA

F9685

Route (s) of entry:	Inhalation	<input type="checkbox"/>	Skin:	<input checked="" type="checkbox"/>	Eye:	<input checked="" type="checkbox"/>	Ingestion:	<input checked="" type="checkbox"/>
No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>			
Toxic	<input type="checkbox"/>	Irritant	<input type="checkbox"/>	Carcinogen	<input type="checkbox"/>			
Highly Toxic	<input type="checkbox"/>	Corrosive	<input checked="" type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>			

TARGET ORGANS

Lungs	<input type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input checked="" type="checkbox"/>
Heart	<input type="checkbox"/>	Skin	<input checked="" type="checkbox"/>	Liver	<input type="checkbox"/>	Central Nervous System	<input type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input type="checkbox"/>	Prostate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>	Cardiovascular System	<input type="checkbox"/>	Respiratory System	<input type="checkbox"/>

Carcinogenicity: None Known NTP: IARC: OSHA Regulated

Medical Conditions Generally Aggravated by Exposure:
None known

Signs and Symptoms of Exposure:
Corrosive. Causes skin and eye damage. Harmful or fatal if swallowed.

Emergency and First Aid Procedures:
If swallowed, drink a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention. If in eyes, flush with plenty of water for 15 minutes. Get medical attention. If on skin, wash with plenty of soap and water. Get medical attention if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:
Small amounts: Mop up and rinse with water. Large amounts: Use inert absorbent, and place in a container for disposal. Dispose in accordance with local, State and Federal Regulations.

Waste Disposal Method:
Small Amount: Wrap in newspaper and discard in trash container. Large Amount: Dispose in accordance with Local, State and Federal regulations.

Potential EPA Hazardous Waste Code(s): D002

Steps to be taken in handling and storage:
Store at 40 - 90F. Protect from freezing. Read and follow label use directions. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):
None required

Ventilation: Local Exhaust: Special:
Mechanical: Not required

Protective Gloves: Required Eye Protection: Required

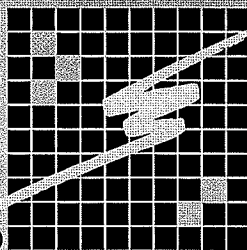
Other Protective Clothing and Equipment:
None required

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:
1 gallon or less: Consumer Commodity, ORM-D. Larger than 1 gallon: Disinfectant, liquid, corrosive, n.o.s. (Phosphoric Acid), 8, UN1903, PG II, ERG 153

NE = Not Established
N/A = Not Applicable

FRANKLIN
CLEANING TECHNOLOGY



Blu-Lite

GERMICIDAL ACID CLEANER

PRODUCT DESCRIPTION:

Blu-Lite Germicidal Acid Cleaner disinfects and cleans toilet bowls and urinals. Also, **Blu-Lite** is an excellent cleaner for stainless steel, aluminum, copper, brass, ceramic tile, plastic tile, grout and cement surfaces. For use in schools, colleges, office buildings, airports, and federally inspected poultry plants.

FEATURES:

Hospital Efficacy:

Kills *Salmonella choleraesuis*,
Pseudomonas aeruginosa and
Staphylococcus aureus.

Deodorizes:

Kills disease and odor-producing bacteria.
Leaves a fresh fragrance that is long lasting
but not overwhelming.

Safe to Use:

Will not etch or pit metal or porcelain
fixtures. Non-fuming acid formula.

Effective Cleaning:

Clings to vertical surfaces and makes
cleaning around rims of toilets easy.
Removes hard water salts and bathroom
scum. Brightens metal, concrete and grout
surfaces.

PRODUCT SPECIFICATIONS:

pH	1.0 ± 0.5
Color	Blue Opaque
Fragrance	Cherry
Freezing Point	About 32°F
Solubility in Water	Complete
Flash Point	None

INGREDIENTS:

Phosphoric acid	20.50%
Didecyl dimethyl ammonium chloride	0.25%
Other Ingredients:	79.25%
TOTAL	100.00%

EPA REGISTERED:

EPA Reg. No. 1124-69
EPA Est. No. 62511-KS-1

DILUTIONS	HEALTH	FLAMMABILITY	REACTIVITY
CONCENTRATE	3	NFPA 0	HMIS 0
CONCENTRAR	3	NFPA 0	HMIS 0
PROPORCION	SALUD	INFLAMABILIDAD	REACTIVIDAD

0	1	2	3	4
Minimal	Slight	Moderate	Serious	Severe
Minimo	Minimo	Moderar	Grave	Drastico

BLUE-LITE
 STAINLESS
 STEEL
 URINALS

Blu-Lite GERMICIDAL ACID CLEANER

STRENGTH DIRECTIONS

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its product labeling.

CLEANING AND DISINFECTING TOILET BOWLS: Remove water from bowl by pushing over trap with bowl mop. Holding bowl mop directly over toilet, pour 4 fluid ounces **Blu-Lite** onto bowl mop; thoroughly clean all areas under flush ring. Allow solution to remain on surface for 10 minutes. Flush toilet and rinse out mop.

CLEANING AND DISINFECTING URINALS: Holding bowl mop directly over urinal, pour 4 fluid ounces **Blu-Lite** onto bowl mop. Immediately scrub all surfaces. Allow solution to remain on surface for 10 minutes. Replace screen and flush urinal. To deodorize, remove trap screen, pour small amount **Blu-Lite** into drain opening and scrub. Replace screen and flush urinal. Will not harm plumbing or septic tanks. For cleaning stainless steel, aluminum, copper, brass, ceramic, glass, plastic, cement surfaces, tile and grouting on counters and drainboards, use 4 fluid ounces **Blu-Lite** to a gallon of water, scrub and rinse thoroughly.

FIRST AID:

If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **If on skin or clothing,** take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **If swallowed,** call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center doctor. Do not give anything by mouth to an unconscious person. **If inhaled,** move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going in for treatment. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

HANDLING AND STORAGE:

SUGGESTED STORAGE TEMPERATURE: Store in a dry place no lower in temperature than 50°F or higher than 120°F. **Protect from Freezing.** **STORAGE AND DISPOSAL:** Keep product under locked storage, inaccessible to small children. Do not reuse empty container. Rinse thoroughly, securely wrap empty container in several layers of newspaper and discard in trash. **KEEP OUT OF REACH OF CHILDREN.**

PERSONAL PROTECTION:

Respiratory Protection: Not needed under normal conditions.

Ventilation: Use with adequate ventilation.

Eye Protection: Safety glasses are required.

Protective Gloves: Protective gloves are required.

Other Protective Clothing or Equipment: Wear clothing as necessary to prevent skin contact.



TRANSPORTATION INFORMATION:

ONE GALLON OR SMALLER:

Consumer Commodity, ORM-D

LARGER THAN ONE GALLON:

U.S. DOT – Proper Shipping Name: Disinfectant, Corrosive Liquid, N.O.S. (Phosphoric Acid)

Hazard Class: 8

ID Number: UN 2491

Packing Group: III

Marine Pollutant: No

MSDS RETRIEVAL
Read MSDS before using this product
800-551-0101

www.franklintechnology.com

OBTENCIÓN DE HDSM
Leer la HDSM antes de utilizar este producto

**FOR CHEMICAL EMERGENCY,
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
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LLAMAR DE DÍA O DE NOCHE A CHEMTREC**

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800-810-4829
LINEA DE TÉCNICA**