

MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 8/14 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufactured for: Triple S Address: 2 Executive Park Drive Billerica, MA 01862 Phone #: 800-323-2251	Product Name: #60 Slugger Mild Acid Multi-Purpose Restroom Cleaner Generic Name: Heavy Duty Restroom Cleaner Chemical Family: Acid/Detergent Blend Formula: Proprietary Product Number: 48260	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - B
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SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
2-butoxyethanol	111-76-2	0 to 5	N/A	N/A	N/A
NonIonic Surfactant	9016-45-9	5 to 10	N/A		
Phosphoric Acid	7664-38-2	55 to 60	3mg/m ³		3mg/m ³
Propylene Glycol	57-55-6	0 to 5			
Fragrance	N/A	0 to 5	N/A		
Dye	N/A	0 to 5	N/A		

SECTION 3-PHYSICAL DATA

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Boiling Point (°F): 212 F. Vapor Pressure: 20mm Hg @ 68 F. % Volatile: 70+ Solubility in Water: Complete Physical Description: Thin bright pink liquid with citrus odor.	Specific Gravity: 1.10 Vapor Density (Air=1): >1 pH: 1.0 - 2.0 Evaporation Rate (Water=1): <1	Flash Point (Method Used): None (TCC) Upper Explosion Limit: N/A Lower Explosion Limit: N/A Extinguishing Media: CO ₂ , Dry Foam, Water Mist Special Firefighting Procedures: N/A Unusual Fire and Explosion Hazards: N/A
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SECTION 5-REACTIVITY DATA

Stability: Stable Hazards Decomposition Products: Phosphorus vapors in a fire.	Hazardous Polymerization: None Incompatibility (Materials to Avoid): Strong alkalis, oxidizing agents, bleach
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SECTION 6-STORAGE AND HANDLING INFORMATION

DANGER Corrosive. Severe Eye and Skin Irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing of vapors or mists. Use in well-ventilated area. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. Do not mix with Chlorine Bleach or any other cleaning product. For institutional and industrial use only.

SECTION 7-HEALTH HAZARDS AND FIRST AID

SECTION 8-SPECIAL PROTECTION INFORMATION

Effects of Overexposure: Skin: Severe skin irritant. May cause moderate reddening with prolonged contact Eyes: Corrosive. Eye irritant. Liquid and mists may damage eyes, causing corneal damage. Inhalation: Mists may be irritating to mucous membranes in the nose, throat, and lungs. Ingestion: Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, and diarrhea. Excessive amounts may cause collapse. 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 if irritation persists. Inhalation: Get to fresh air. Seek medical attention if irritation persists. Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.	Respiratory Protection: Use in well-ventilated area. Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit. Protective Gloves: Chemical resistant rubber or neoprene. Eye Protection: Safety glasses or chemical splash goggles. Other Protective Equipment: Eyewash station provided nearby.
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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. Ventilate area well. 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. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity as defined under federal RCRA regulations (40 CFR 261). 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.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories: No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard	Shipping Information: FOR CONTAINERS > 1 Gallon: Compounds, cleaning liquid, (Phosphoric Acid), 8, NA-1760, PG III FOR <1 GALLON CONTAINERS: Cleaning Compound LQ	HMIS Hazardous Materials Identification System <table border="1"> <tr> <td>Health</td> <td align="center">3</td> </tr> <tr> <td>Flammability</td> <td align="center">0</td> </tr> <tr> <td>Reactivity</td> <td align="center">1</td> </tr> <tr> <td>Personal Protection</td> <td align="center">D</td> </tr> </table>	Health	3	Flammability	0	Reactivity	1	Personal Protection	D
Health	3									
Flammability	0									
Reactivity	1									
Personal Protection	D									

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	

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

CAS#	Chemical Name	Percent by Weight
	None	

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

MATERIAL SAFETY DATA SHEET

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

N/A=Not Applicable
Effective Date: 12/06 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Ready-To-Use #60 Slugger Mild Acid Restroom Cleaner
Generic Name: All Purpose Acid Cleaner
Chemical Family: Acid/Detergent Blend
Formula: Proprietary
Triple S Product No.: 48260

Manufactured For: Triple S
Address: 2 Executive Park Drive Billerica, MA 01862
Phone #: 800-323-2251

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Phosphoric Acid	7664-38-2	0 to 5			
Nonionic Surfactant	9016-45-9	< 1.0			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 99+
Solubility in Water: Complete
Physical Description: Thin light pink liquid with characteristic light citrus odor

Specific Gravity: 1.000
Vapor Density (Air=1): >1
pH: 1.0 – 2.0
Evaporation Rate (Water=1): 1

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

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION: Mildly Irritating to eyes and skin. Avoid contact with eyes, skin and clothing. Avoid breathing of spray mist. Use in well ventilated areas, only. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: May be mildly irritating to skin. Pre-existing conditions such as dermatitis may be aggravated by prolonged or repeated contact.
Eyes: Mildly irritating to eyes. May cause redness or swelling.
Inhalation: Inhalation of spray mist may irritate nose, throat and lungs.
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system in large quantities.
First Aid Procedures:

Skin: Flush with large quantities of water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water. Seek medical attention if irritation persists.
Inhalation: Get victim to fresh air. If irritation persists, seek medical attention.
Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
Ventilation Requirements: Use in well ventilated areas.
Protective Gloves: Rubber gloves recommended
Eye Protection: N/A
Other Protective Equipment: N/A

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 storm 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. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:
No - Fire Hazard
No - Sudden Release of Pressure Hazard
No - Reactivity Hazard
Yes - Immediate (acute) Health Hazard
No - Delayed (chronic) Health Hazard

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

HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 888-779-1339

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	

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

CAS#	Chemical Name	Percent by Weight
	None	

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