

# SAFETY DATA SHEET

Date Prepared : 11/18/2015  
SDS No : SPLG38A05

## Lo-Down Low pH Presoak (H/M)UN1760, 8, PGIII (Corrosive)

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Lo-Down Low pH Presoak (H/M)UN1760, 8, PGIII (Corrosive)

**GENERAL USE:** Liquid Presoak for Carwash

**MANUFACTURER**

Scotch Plaid, Inc.  
2969 Reward Lane  
Dallas, TX 75220

**Customer Service:** 800-527-5220

**24 HR. EMERGENCY TELEPHONE NUMBERS**

ChemTel: 800-255-3924

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

**Health:**

Skin Corrosion, Category 1B

Serious Eye Damage, Category 1

**Environmental:**

Not Classified

**Physical:**

Corrosive to Metals, Category 1

#### GHS LABEL



Corrosion

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.

H290: May be corrosive to metals.

#### PRECAUTIONARY STATEMENTS

**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER or doctor / physician if you feel unwell.

P363: Wash contaminated clothing before reuse.

**Storage:**

P234: Keep only in original packaging.

P102: Keep out of reach of children.

Lo-Down Low pH Presoak (H/M)UN1760, 8, PGIII (Corrosive)

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes serious eye damage.

**SKIN:** Causes severe skin burns.

**INGESTION:** May cause irritation of the mucous membranes.

**INHALATION:** May cause respiratory tract irritation.

**MEDICAL CONDITIONS AGGRAVATED:** None known.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Phosphoric Acid	25 - 35	7664-38-2
2- Butoxyethanol	1 - 5	111-76-2
D-limonene	0.5 - 1.5	5989-27-5

**4. FIRST AID MEASURES**

**EYES:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present.

**SKIN:** Wash off immediately with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Contact causes serious eye irritation and/or damage.

**SKIN:** Contact causes serious skin irritation and/or burns.

**INGESTION:** May cause headache and nausea.

**INHALATION:** May cause irritation to mucous membranes.

**ACUTE EFFECTS:** Eye contact may cause stinging, tearing, redness and blurred vision. Skin contact may cause redness and pain.

**CHRONIC EFFECTS:** Repeated or prolonged exposure to corrosive materials will cause dermatitis to the skin and conjunctivitis to the eyes.

**NOTES TO PHYSICIAN:** Treat symptomatically

**5. FIRE FIGHTING MEASURES**

**GENERAL HAZARD:** The product is not expected to present any fire or explosion hazards under prescribed use conditions.

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide, water spray (fog) or foam when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Under fire conditions, toxic and/or corrosive fumes are emitted.

**FIRE FIGHTING PROCEDURES:** Use fire fighting measures that are appropriate for the local circumstance and the surrounding environment.

**FIRE FIGHTING EQUIPMENT:** Use personal protective equipment

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>, Oxides of Phosphorus

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** After removal, flush contaminated area thoroughly with water.

**LARGE SPILL:** Dike spilled material or otherwise contain material to ensure runoff does not reach into soil, ditches, sewers and / or groundwater. Transfer material into suitable containers for proper disposal in accordance with local, state and federal regulations.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Do not allow material to contaminate waterways.

Lo-Down Low pH Presoak (H/M)UN1760, 8, PGIII (Corrosive)

**LAND SPILL:** Do not allow material to contaminate the soil.

**GENERAL PROCEDURES:** Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8.

**COMMENTS:** Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Handle in accordance with good industrial hygiene and safety procedures. Use personal protection recommended in Section 8. Follow all product label instructions.

**HANDLING:** Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing vapors or mists.

**STORAGE:** Keep out of reach of children. Store in original container in a cool, dry and well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Phosphoric Acid	TWA		1		1		
	STEL				3		
2- Butoxyethanol	TWA	50	240	20	97	NL	NL
	STEL					NL	NL
D-limonene	TWA					30	

**ENGINEERING CONTROLS:** None usually needed.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Chemical resistant gloves.

**RESPIRATORY:** No personal respiratory equipment normally required.

**PROTECTIVE CLOTHING:** Wear suitable protective clothing to prevent contact with skin.

**WORK HYGIENIC PRACTICES:** Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

**OTHER USE PRECAUTIONS:** Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

**COMMENTS:** Eyewash stations and safety showers should always be in place where chemicals are handled and stored.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Citrus

**ODOR THRESHOLD:** Not determined for this mixture.

**APPEARANCE:** Clear liquid

**COLOR:** Colorless to amber.

**pH:** 1.0 to 2.0 (full strength)

**PERCENT VOLATILE:** (w/w) 60-70% mostly as water.

**FLASH POINT AND METHOD:** Non Flammable

**FLAMMABLE LIMITS:** Non Flammable

**AUTOIGNITION TEMPERATURE:** No data available for this mixture.

**VAPOR PRESSURE:** Not determined for this mixture.

Lo-Down Low pH Presoak (H/M)UN1760, 8, PGIII (Corrosive)

**VAPOR DENSITY:** Not determined for this mixture.

**BOILING POINT:** (200°F) to (220°F)

**FREEZING POINT:** ~ 0°C (32°F)

**THERMAL DECOMPOSITION:** Not determined for this mixture.

**SOLUBILITY IN WATER:** Complete

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not determined for this mixture.

**EVAPORATION RATE:** Near that of water.

**SPECIFIC GRAVITY:** 1.14 to 1.160 g/ml at 20°C

**VISCOSITY:** Not determined for this mixture.

**(VOC):** 2.000 to 5.000 (Weight %)

**OXIDIZING PROPERTIES:** This product is not classified as oxidizing

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No data available for this mixture.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Excessive heat or cold.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of phosphorus, CO and CO<sub>2</sub>

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, strong reducing agents, bases and certain metals.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Phosphoric Acid	1530.0 mg/kg (rat)	2740.0 mg/kg (rabbit)	No data
2- Butoxyethanol	1300 mg/kg (rat)	> 2000 mg/kg (rat)	4.9 mg/l (rat) <i>Aerosol</i>
D-limonene	4400 mg/kg (rat)	> 5000 mg/kg (rabbit)	No data

**EYE EFFECTS:** Causes serious eye irritation and/or damage.

**SKIN EFFECTS:** Causes severe skin irritation and/or burns.

**CHRONIC:** Health injuries are not known or expected under normal use.

**SUBCHRONIC:** This product is irritating to the eyes, skin and respiratory tract.

### CARCINOGENICITY

Chemical Name	IARC Status	Other
2- Butoxyethanol	Group 3	ACGIH (A3)

**IARC:** IARC (Group 3) components are "not classifiable as human carcinogens"

**NTP:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Notes:** ACGIH (A3) - Animal Carcinogen

**REPEATED DOSE EFFECTS:** No data available for this mixture.

Lo-Down Low pH Presoak (H/M)UN1760, 8, PGIII (Corrosive)

**CORROSIVITY:** Corrosive to the skin and eyes.

**SENSITIZATION:** No data available for this mixture.

**NEUROTOXICITY:** No data available for this mixture.

**GENETIC EFFECTS:** No data available for this mixture.

**REPRODUCTIVE EFFECTS:** No data available for this mixture.

**TARGET ORGANS:** No data available for this mixture.

**TERATOGENIC EFFECTS:** No data available for this mixture.

**MUTAGENICITY:** No data available for this mixture.

**SYNERGISTIC MATERIALS:** No data available for this mixture.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**BIOACCUMULATION/ACCUMULATION:** The potential for bioconcentration in organisms is low.

**DISTRIBUTION:** Not determined for this mixture.

**AQUATIC TOXICITY (ACUTE):** Not determined for this mixture.

**CHEMICAL FATE INFORMATION:** This product is expected to be readily biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Follow all Federal, State and Local Regulations appropriate for this material.

**PRODUCT DISPOSAL:** Wastewater resulting from this product should be directed to a proper waste water treatment facility.

**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Corrosive Liquid, N.O.S., (Phosphoric Acid)

**PRIMARY HAZARD CLASS/DIVISION:** 8, Corrosive

**UN/NA NUMBER:** 1760

**PACKING GROUP:** III

**PLACARDS:** Corrosive

### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Corrosive Liquid, N.O.S., (Phosphoric Acid)

**UN NUMBER:** 1760

**HAZARD CLASS:** 8, Corrosive

**PACKING GROUP:** III

**COMMENTS:** The shipper / consignor / sender is responsible to ensure that the packaging, labeling and markings are in compliance with the selected mode of transport.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Acute Health Hazard

Lo-Down Low pH Presoak (H/M)UN1760, 8, PGIII (Corrosive)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
2- Butoxyethanol	1 - 5	111-76-2

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:**

Chemical Name	Wt.%	CERCLA RQ
Phosphoric Acid	25 - 35	5,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed.

**CALIFORNIA PROPOSITION 65:** This product contains trace amounts of Ethylene Oxide. CAS# 75-21-8

**OSHA HAZARD COMM. RULE:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**16. OTHER INFORMATION**

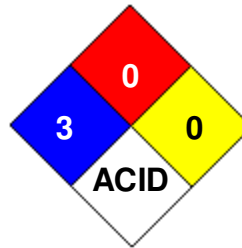
**REASON FOR ISSUE:** New SDS format

**Date Prepared:** 11/18/2015

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>3</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>B</b>

**NFPA CODES**



**ADDITIONAL SDS INFORMATION:** This Safety Data Sheet applies to this product in its concentrated form (as supplied). The hazards of this product will diminish significantly at end use dilution ratios.

**MANUFACTURER DISCLAIMER:** The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with other material or in any process, unless specified in the text.

End of Safety Data Sheet