

Material Safety Data Sheet

Provided by:
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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name POOL GUARD BLEND

Synonyms NOT APPLICABLE

Chemical Name PHOSPHORIC ACID AND HCL

Date of Issue: 8/31/2009

Emergency phone: 281-457-4888

Reviewed / Revision Date: N/A

Chemtrec: 800-424-9300

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	PERCENT	CAS NO.
PHOSPHORIC ACID	3	7664-38-2
HYDROCHLORIC ACID	22	7647-01-02

SECTION 3 - HAZARDS IDENTIFICATION

Potential Health Effects

ACGIH - TLV: 1 mg/m³

Eye Contact CONTACT MAY CAUSE EYE IRRITATION AND BURNS.

Skin Contact CONTACT MAY CAUSE SEVERE SKIN IRRITATION AND POSSIBLE BURNS.

Ingestion CORROSIVE AND MAY CAUSE SEVERE AND PERMANENT DAMAGE TO MOUTH, THROAT AND STOMACH.

Inhalation MAY CAUSE RESPIRATORY TRACT IRRITATION. SEVERE OVEREXPOSURE MAY RESULT IN LARYNGEAL SPASM, EDEMA, AND PULMONARY EDEMA.

Carcinogenicity: NTP NO IARC NO OSHA NO

SECTION 4 - FIRST AID PROCEDURES

Eye Contact: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

Skin Contact: IMMEDIATELY REMOVE CONTAMINATED CLOTHING OR SHOES, WIPE EXCESS FROM SKIN AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. USE SOAP IF AVAILABLE OR FOLLOW BY WASHING WITH SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. GET MEDICAL ATTENTION.

Inhalation: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK AND GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (°F) NOT COMBUSTIBLE.

Extinguishing Media USE MEDIA APPROPRIATE FOR SURROUNDING AREA AND CONTAINERS.

**Special Firefighting
Procedures/Precautions**

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. STAY UPWIND AND KEEP OUT OF LOW AREAS. CONTACT WITH METALS MAY EVOLVE FLAMMABLE HYDROGEN GAS. CONTAINERS MAY EXPLODE WHEN HEATED. CONTACT WITH CHLORINE WILL EVOLVE CHLORINE GAS.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill: DIKE WITH SAND OR EARTH TO CONTAIN SPILL. AVOID IGNITION SOURCES. ABSORB WITH SAND OR COLLECT WITH VAC TRUCK. PLACE IN APPROPRIATE CONTAINERS FOR DISPOSAL.

SECTION 7 - HANDLING AND STORAGE

Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area, away from heat and incompatible materials. Protect containers from physical damage.

AVOID BREATHING VAPORS OR MIST.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT.
Ventilation LOCAL AND MECHANICAL RECOMMENDED.
Protective Gloves CHEMICAL IMPERVIOUS GLOVES.
Eye/Face Protection CHEMICAL SAFETY GOGGLES AND/OR FULL-FACE SHIELD.
Other Protection CHEMICAL RESISTANT CLOTHING SUCH AS COVERALLS/APRON, BOOTS, ETC.
Work Practices USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROMPTLY REMOVE SOILED CLOTHING AND WASH THOROUGHLY BEFORE REUSE. SHOWER AFTER WORK USING PLENTY OF SOAP AND WATER.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F): 220	Vapor Pressure (mmHg): 22
Freezing Point (°F): NOT AVAILABLE	Vapor Density (Air=1): NOT AVAILABLE
Solubility (H2O): COMPLETE	Specific Gravity (H2O=1): 1.15
pH < 1	Evaporation Rate: 1
Appearance/Odor: CLEAR LIQUID WITH NO ACIDIC ODOR.	

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: YES
Incompatible Material: ALKALIS, CHLORINATED PRODUCTS, SOFT METALS, ORGANIC COMPOUNDS
Hazardous Polymerization: WILL NOT OCCUR
Decomposition Products: PHOSPHOROUS OXIDE OR HYDROGEN GAS AT HIGH HEAT

SECTION 11 - TOXICITY INFORMATION

NO DATA AVAILABLE.

SECTION 12 - ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION 13 - DISPOSAL CONSIDERATIONS

DO NOT DISCHARGE INTO WATERWAYS OR SEWER SYSTEMS WITHOUT PRIOR APPROVAL.
DISPOSE OF WASTE MATERIALS ACCORDING TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORT INFORMATION

USA DOT Shipping Name: CORROSIVE LIQUID, ACIDIC N.O.S.
(PHOSPHORIC ACID, HYDROCHLORIC ACID)
Hazard Class: 8
UN/NA Number: 3264
Packing Group: II
Subsidiary Hazard:
Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION

CERCLA RQ (lbs):

SARA Title III Section 312:

Acute **Chronic** **Flammable** **Sudden Release of Pressure** **Reactive**

SARA Title III Section 313: Yes

SARA Extremely Hazardous Substance: No

HMIS HAZARD RATING

Health: 3 **Fire:** 0 **Reactivity:** 0
0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

SECTION 16 - OTHER INFORMATION

EPA Pesticide Registration Number: NOT APPLICABLE

NSF Maximum Use Level for Potable Water (Standard 60): NOT APPLICABLE

TSCA (Toxic Substance Control Act), 40 CFR 710:

Sources of the raw materials used in this mixture assure that all chemical ingredients present are in compliance with Section 8(b) Chemical Substance Inventory, or are otherwise in compliance with TSCA.

DISCLAIMER

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