

SPARTAN CHEMICAL CO., INC.
MATERIAL SAFETY DATA SHEETSECTION I
PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER (as it appears on label)

FOAMY Q & A

MANUFACTURER'S NAME

Spartan Chemical Co., Inc.

ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)

110 N. Westwood Ave., Toledo, OH 43607

HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)

Foamy Q & A - Phosphoric Acid (Compound, Cleaning, Liquid) Corrosive Material UN No. 1760

ADDITIONAL HAZARD CLASSES (AS APPLICABLE)

n/a

CHEMICAL FAMILY

n/a

EMERGENCY TELEPHONE NO.

(419) 531-5551

MANUFACTURER'S D-U-N-S NO.

00-503-6728

FORMULA

n/a

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	Table Z PEL mg/M ³	ACGIH TLV mg/M ³	ABGIH STEL mg/M ³	CARCINOGEN
7664-38-2	10-15	Phosphoric acid	1.0	1.0	3.000	no
111-76-2	<5	Butoxyethanol	240 (skin)	120	360	no
79-14-1	<5	Hydroxyacetic acid	----not established----			no

SECTION III - PHYSICAL DATA

BOILING POINT

200-210 °F °C

SPECIFIC GRAVITY (H₂O = 1)

1.09

VAPOR PRESSURE - 33

@ 75 °F °C x mm Hg psi

VAPOR DENSITY (AIR = 1)

Unknown

EVAPORATION RATE (but. ace. = 1)

<1

SOLUBILITY IN WATER

Complete

APPEARANCE AND ODOR

Purple liquid

pH

<2

Piney fragrance

PERCENT SOLID BY
WEIGHT (%)

15-25

IS MATERIAL: (LIQUID) SOLID
GAS PASTE POWDER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT

None

METHOD USED - ASTM - D92

FLAMMABLE LIMITS

n/a

EXTINGUISHING MEDIA

n/a

SPECIAL FIRE FIGHTING PROCEDURES

None

UNUSUAL FIRE AND EXPLOSION HAZARDS

Contact with metal may produce flammable hydrogen gas.

SECTION V - HEALTH HAZARD DATA**EFFECTS OF OVEREXPOSURE - CONDITIONS TO AVOID**

THRESHOLD LIMIT VALUE - Not established

May be fatal if swallowed. Product causes skin and eye damage. Inhalation of mist may cause respiratory irritation. Butoxyethanol is absorbed through the skin which may affect the liver, kidneys, lymph and blood systems; inhalation may irritate throat and respiratory system. Do not get in eyes, on skin or on clothing.
not inhale mist.

PRIMARY ROUTES OF ENTRY INHALATION ☒ SKIN CONTACT ☒ OTHER (SPECIFY)**CONDITIONS AGGRAVATED BY USE**

Unknown

EMERGENCY AND FIRST AID PROCEDURES - Eye Contact: Immediately wash eyes with water for 15 minutes. Get prompt medical attention. Internal: If swallowed, do not induce vomiting. Drink large quantities of water or milk. Call a physician, hospital emergency room or poison control center. Skin Contact: Immediately wash affected area with soap and water. If irritation continues, get medical attention. Inhalation: In case of respiratory irritation, move person to fresh air. If irritation continues, get medical attention.

SECTION VI - REACTIVITY DATASTABILITY: UNSTABLE ☐
 STABLE ☒**INCOMPATIBILITY (MATERIALS TO AVOID)**

Strong alkalis, bleach, ammonia, cyanides

HAZARDOUS DECOMPOSITION PRODUCTS

Heating to decomposition yields toxic fumes of phosphorus pentoxide

HAZARDOUS MAY OCCUR ☐
POLYMERIZATION: WILL NOT OCCUR ☒**SECTION VII - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Small quantities may be flushed into sanitary sewer. Larger quantities should be picked up with absorbent material made for acid containment and disposed of in accordance with state and local regulations.

WASTE DISPOSAL METHOD

Same as above. Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

SECTION VIII - SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION (SPECIFY TYPE)**

Not required

VENTILATION - Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

PROTECTIVE GLOVES (SPECIFY TYPE)

Acid resistant gloves

EYE PROTECTION (SPECIFY TYPE)

Goggles or face shield

OTHER PROTECTIVE EQUIPMENT - Under certain conditions acid resistant aprons and boots are suggested.

SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep from freezing.

OTHER PRECAUTIONS

None

San Chemical Co., Inc.
Foamy Q & A
Ref: 29 CFR 1910:1200 (OSHA)
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TITLE	Director of Research
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