



e

Causes serious eye damage. Material is extremely destructive to the tissue and mucous membranes of the eye. Causes redness, pain, burning sensation and tearing. Direct contact with liquid may cause blindness or permanent eye damage.

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Brief contact will cause skin burns. Symptoms include pain, severe local redness and tissue damage. Classified as corrosive to skin according to DOT guidelines.

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May cause severe and permanent damage to the digestive tract. Causes severe burns to the gastrointestinal tract. May cause perforation of the digestive tract. May cause systemic effects. Causes severe mouth, throat, and abdominal pain upon ingestion.

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Avoid contact with water. Use foam, dry chemical or carbon dioxide.

e i i r s risin r
t e e i

Sulfur dioxide may be produced.

e i r te ti e e ui ent
n re uti ns r ire i ter

Fire fighters should enter area only if they are protected from all contact with the material. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms, and waist, should be worn. No skin surfaces should be exposed.

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nt in ent e nin u

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

Neutralize spill with soda ash or lime under good ventilation. For an interior (inside a closed space) spill be aware that the use of Soda Ash, Lime will evolve heat and carbon dioxide thus the need for ventilation.

Avoid release to the environment.

re uti ns r s e n in

Use ventilation sufficient to keep personal exposure below the OSHA Permissible Exposure Limits (PEL) and or the ACGIH Threshold Limit Value (TLV) Time Weighted Average (TWA) exposure limits.

Wear rubber protective gloves, chemical protective clothing, eye protective goggles and face shield for face protection.

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Eating, drinking and smoking in the work area is prohibited.

Do not get in eyes, or on skin, or on clothing.

Keep only in original container .

Keep container tightly closed.

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Store in corrosive resistant container.

Store locked up and away from incompatible chemicals.

Store in cool dry place.

Store below 100 °F (24 °C)

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Sulfuric Acid	ACGIH	0.2 mg/m3	
Phosphoric Acid	ACGIH	1 mg/m3	3 mg/m3
Hydroxyacetic acid	not established		

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enti ti n Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).

es ir t r r te ti n A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

r te ti e es Acid resistant rubber.

e r te ti n Wear chemical safety goggles with face shield.

t er r te ti e ui ent Rubber aprons, safety shoes and similar protective clothing.

e r n e Clear liquid with slight tint

r No odor

r res N/A

(1% solution in water)<1

e tin int ree in int N/A

niti B i in int n B i in N/A

n e

s int N/A

r ti n te N/A

i it s i s N/A

er er i it r N/A

e si e i its

r ressure N/A

r ensit N/A

e ti e ensit 1.70-1.72

u i t ies Complete in water

rtiti n e i ient N/A

n t n ter

ut i niti n e er ture N/A

e siti n e er ture N/A

is sit N/A

ntent 0% by weight

e ti Reacts violently with water, organic substances and base solutions with evolution of heat and hazardous mists.

e i t i t Stable under normal conditions

n i t i n s t i
n t i e t e r i s

Extremely high temperatures
Vigorous reactions with

All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements .

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t tus

st tus

No [redacted] or [redacted] are contained in this product.

is i er

The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.

te re re

10/9/14