

MATERIAL SAFETY DATA SHEET

SURFLEX
SERIES

Manufactured by:
ANDERSON Chemical Company
 Litchfield, Minnesota 55355-1041
 (320) 693-2477

Flammability 0
 Health 2 0 Reactivity
 Special Hazard * See Bottom of Page
NFPA HAZARD RATING

Product Name: **Delimer**

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 4/28/2004 Int
Supersedes: 10/2/2001**I. IDENTIFICATION**Chemical Name And Synonyms:
Not applicable

DOT Shipping Name

Corrosive liquid, acidic, inorganic, n.o.s.
(Phosphoric acid / Nitric Acid)Chemical Family:
Acid

DOT Hazard Class & LD. Number

Corrosive Material UN3264

PG
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Component	CASNO.	%	TLV	PEL	Toxic	Hazard
Phosphoric acid	7664-38-2	28	1 mg/M3	1 mg/M3	NA	Corrosive to skin and eyes.
Nitric Acid	7697-37-2	4	5 mg/M3	5 mg/M3	313**	Corrosive to skin and eyes.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR

NA: Not applicable

III. PHYSICAL DATABoiling Point: Above 212° F
Specific Gravity: 1.188
Appearance: Clear, colorless liquidForm: Liquid
Solubility in Water: Complete
Odor: None

pH, 1% Soln.: 1.6

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Not applicable

Special Fire

Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear.

Unusual Fire And

Explosion Hazards: If the stock solution container breaks, the solution should be handled with care as it is corrosive.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of Over-exposure: Corrosive. May cause burns or irritation to skin and eyes. May cause irreversible damage to eyes in some cases.

Emergency And First

Aid Procedures: EYES: Flush immediately with water for 15 minutes, raise eyelids for complete rinsing. GET PROMPT MEDICAL ATTENTION.
SKIN: Flush with plenty of water. If irritation persists, GET MEDICAL ATTENTION. Remove contaminated clothing and wash before reuse.
INGESTION: Immediately drink large quantities of water followed by milk of magnesia. Do Not induce vomiting. GET IMMEDIATE MEDICAL ATTENTION.
INHALATION: Remove victim to fresh air.

VI. REACTIVITY DATA

Stability - Unstable:

Stable:

Conditions To Avoid: Contact with reactive metals, contact with alkaline materials, especially caustic soda and caustic potash. Also hypochlorite solution.

Incompatibility: Contact with reactive metals (aluminum, zinc, mild steel) may produce flammable explosive hydrogen - air mixtures.
(Materials To Avoid) Reacts violently with strong bases.

Hazardous

Decomposition Products: At flame temperatures, toxic phosphorous oxide and nitrogen oxide fumes may be emitted.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Small spills can be diluted with large amounts of water and flushed to sanitary sewer. For large spills, dike and salvage or neutralize. Soda ash and lime are neutralizing agents.

Waste Disposal Method: If material can not be salvaged, neutralize and then discharge into a treatment system in accordance with local, state and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: For severe mist, use NIOSH approved respirator and self-contained breathing apparatus.

Ventilation: Adequate to meet exposure limit for acid mist.

Protective Gloves: Rubber or neoprene.

Eye Protection: Chemical goggles.

Protective Clothing: Where contact is likely, rubber apron and boots.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Store in suitable containers. Avoid contact with skin and eyes. Use goggles, rubber apron and boots where liquid splashing or contact is expected. Wash thoroughly after handling.

Other Precautions: Safety showers and eyewash stations should be provided in the areas where this product is handled.

X. REVISED INFORMATION

MSDS Status: Changed product color from green to colorless