

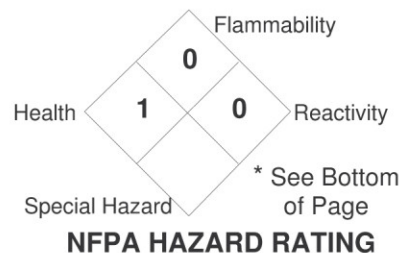
MATERIAL SAFETY DATA SHEET

63

Manufactured by:

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

Health 1
Flammability 0
Physical Hazard 0
Personal Protection X
HMIS Rating System*



Product Name: O3 Sour

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

Revised: 7/19/2000

lmt

Supersedes:

I. IDENTIFICATION

Chemical Name And Synonyms:

2-Hydroxy-1,2,3 Propane Tricarboxylic Acid, Aqueous solution

DOT Shipping Name

Corrosive Liquid, Acidic, Organic, N.O.S.
(Citric Acid)

Chemical Family:

Organic acid

DOT Hazard Class & I.D. Number

Corrosive Material UN3265

PG
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II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Citric acid	77-92-9	40	NE	NE	NA	Eye and skin irritant

**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 DATA

Boiling Point: Not applicable

Specific Gravity: 1.190

Appearance: Clear to pale yellow

Form: Liquid

Solubility In Water: Complete

Odor: Odorless

pH, Neat: 1.6

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Product is not combustible. Use media appropriate to primary source of fire.

Special Fire

Fighting Procedures: 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: Not applicable

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: Eye irritation. May cause skin irritation.

Emergency And First

Aid Procedures: EYES: Flush with water for 15 minutes while holding eyelids open. Get immediate medical attention.

SKIN: Flush with soap and water for at least 15 minutes. Do not reuse contaminated clothing until washed. If skin irritation persists, get medical attention.

INGESTION: Drink plenty of water. Get medical attention.

* NFPA Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

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A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable: ☐ Stable: ☒

Conditions To Avoid: Not applicable

Incompatibility: Alkalis, strong oxidizing agents (ie. hypochlorites). Reactive metals such as aluminum and magnesium
(Materials To Avoid)

Hazardous

Decomposition Products: Under burning conditions, carbon dioxide, carbon monoxide and various hydrocarbons are evolved.

VII. SPILL OR LEAK PROCEDURES

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

Utilize recommended protective clothing. Dike and absorb onto an absorbent and placed in approved containers. Residual material may be neutralized with soda ash, diluted with water. Prevent bulk, concentrated material from entering sewer or open waterway.

Waste Disposal Method: Dispose according to federal, state and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required for normal use. If exposure potential exists, wear NIOSH approved respirator.

Ventilation: Sufficient mechanical ventilation to maintain exposure level below recommended exposure limits.

Protective Gloves: Use gloves to protect skin (impervious).

Eye Protection: Safety glasses or goggles.

Protective Clothing: If skin contact is likely, wear protective clothing.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Store in cool, dry area. Keep cover on when not in use. Minimize skin contact. Wash with soap and water 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: