

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

Eddystone Industrial Park
2000 Industrial Highway
Eddystone, PA 19022-1513

Product: **ZING**

Daytime Telephone: (610) 876-9906
24 Hour Emergency: CHEMTREC® (800) 424-9300

MSDS No.: G5561 - Rev 1.0
Replaces - None

Date: 08/96

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:..... Zing
Chemical Name/Synonym:..... PROPRIETARY BLEND
Chemical Family:..... COMPOUND
Formula:..... PROPRIETARY
Product Code:..... G5561

HMIS

Hazard Rating:

Legend:

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

Product Description: Mildly acidic, lubricating burnishing compound

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: > >212°F.
Vapor Pressure: < 1 (mmHg)
Vapor Density: N/A (AIR=1)
Appearance: Clear, light amber liquid
pH: 5.3 ± 0.2, as received

Solubility in Water:..... Infinite
Specific Gravity:..... 1.144 (H₂O=1)
% Volatile by Volume:..... Zero
Odor:..... Slightly ammoniacal
pH Solutions:..... ~-5.1 @ 2% bvs

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
1,2,3-propanetricarboxylic acid, ammonium salt	7632-50-0	20-30	Not Listed	Not Listed
2-Butoxyethanol	111-76-2	<10	121 mg/m ³ TWA (25 ppm)	121 mg/m ³ TWA (25 ppm)
2-Propanol	67-63-0	<10	400 ppm TWA 500 ppm STEL	400 ppm TWA 500 ppm STEL
Inert and/or non-hazardous components	-----	-60-70	-----	-----

*Component hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) or one or more state Right-To-Know lists.

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: 160°F (TCC)
Extinguishing Media: Small Fire: CO₂, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: Stable.
Incompatibility: Strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide may form upon thermal degradation. Hydrogen gas above 850°F.
Hazardous Polymerization: Will not occur.

- Continued -

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT:..... May cause irritation; severe irritation may occur if not irrigated immediately.
SKIN CONTACT:..... Prolonged contact may cause dryness and dry skin irritation.
INHALATION:..... No data - situation not normally encountered.
INGESTION:..... May irritate or burn mouth, esophagus, and digestive tract.
EFFECTS OF OVEREXPOSURE:..... None currently known.

-- SECTION 08 - FIRST AID --

EYES:..... Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if irritation persists.
SKIN:..... Flush with water; wash with soap and water after handling.
INHALATION:..... Remove to fresh air.
INGESTION:..... Administer several glasses of water to drink. Seek medical attention. Never give anything by mouth to an unconscious person.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION:..... None normally required; product normally does not produce vapors.
RESPIRATORY PROTECTION:..... None normally required; NIOSH approved respirator for mist conditions.
PROTECTIVE CLOTHING:..... Chemical resistant gloves when mixing or handling. Gear sufficient to prevent personal contact.
EYE PROTECTION:..... Tight fitting or chemical workers goggles if splashing is anticipated.

-- SECTION 10 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or allow contact with skin. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers.

D.O.T.: Shipping Information: Shipping Name: Acidic Cleaning Liquid, Unregulated

Empty Containers: Do not re-use empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for a reconditioner, empty each drum as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations do not permit transport of open or partially filled containers.

TSCA - The ingredients in this material are listed on the TSCA Inventory.

OSHA Subpart Z - 2-Propanol - Listed

SARA Title III Information: (for isopropyl alcohol (2-propanol)): A) Sections 311/312 - *Not Listed*; B) Section 313 - *Not Listed*

CERCLA Information: *Not Listed* in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

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