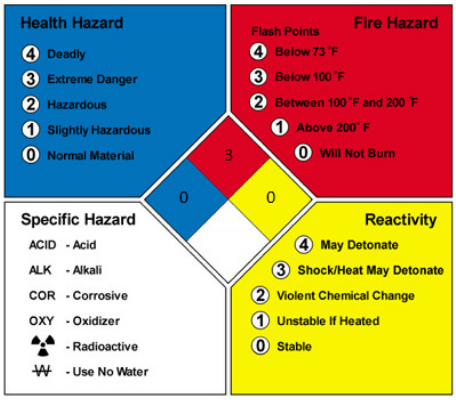
SAFETY DATA SHEET
HT-59 SAP ZAPPER
DATE REVISED: 2/12/2016

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Sap Zapper
Manufacturer: Hi-Temp Products Co INC
Address: 14936 Grover Street
City: Omaha **State:** NE **Zip:** 68144
Product Uses: Removes sap from clear and non clear coated paints.
Chemical Formula: Confidential

Product #: HT-59
Telephone: 800-878-9199
402-330-3344

2. HAZARD IDENTIFICATION



Pictogram:

Physical Hazards: Breathing high concentrations may be harmful. Mist or vapor can irritate the throat and lungs.
Hazard Statements: Harmful if swallowed. Can causes skin and eye irritation.
Precautionary Statement: If swallowed: rinse mouth. Do NOT induce vomiting, except at the advice of a physician. If on skin rinse with water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse.
Storage: Store in well-ventilated area at room temperature and keep from freezing. Keep container tightly closed. Store locked up and out to reach of children.
Disposal: Consult appropriate federal, state and local authorities before disposal.
Supplemental Information: Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as “Solvent or Painter’s Syndrome”).

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	%
Ethanol	64-17-5	<85%
Methanol	7735-18-5	<5%
Ethyl Acetate	141-78-6	<1%
Methyl Isobutyl Ketone	108-10-1	<1%

4. FIRST AID MEASURES

Inhalation: Move person to fresh air. Breathing high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression with symptoms including nausea, headache, dizziness, fatigue, drowsiness or unconsciousness.
Eyes: Flush eyes with large quantities of water. If irritation persists, consult a physician.
Skin Contact: Wash with soap and water. Repeated or prolonged skin contact can produce moderate irritation (dermatitis).
Skin Absorption: N/A
Ingestion: Rinse mouth with water. Do NOT induce vomiting, except at the advice of a physician. Consult a physician. This material may irritate the mucous membranes of the mouth, throat and esophagus. It can be readily absorbed by the stomach and intestinal tract. Symptoms include a burning sensation of the mouth and esophagus, nausea, vomiting, dizziness, staggering gait, drowsiness, loss of consciousness and delirium, as well as additional central nervous system (CNS) effects. Due to its light viscosity, there is danger of aspiration into the lungs during vomiting. Aspiration can result in severe lung damage or death.

5. FIRE FIGHTING MEASURES

Flash Point (Method): 57°F (14°C) (Tag closed cup ASTM D 56)
Auto-Ignition Temperature: N/A
LEL: 3.3 % (Ethyl Alcohol)
UEL: 19% (Ethyl Alcohol)
Extinguishing Media: SMALL FIRE: Use dry chemicals, carbon dioxide, foam or inert gas (nitrogen). Carbon dioxide and inert gas can displace oxygen. Use caution when applying carbon dioxide or inert gas in confined spaces.
LARGE FIRE: Use foam, water fog or water spray. Water fog and spray are effective in cooling containers and adjacent structures. However, water can cause frothing and/or may not extinguish the fire. Water can be used to cool the external walls of vessels to prevent excessive pressure, auto ignition or explosion. DO NOT use a solid stream of water directly on the fire as the water may spread the fire to a larger area.
Unusual Fire or Explosion Hazards: Combustible Liquid! This material releases vapors when heated above ambient temperatures. Vapors can cause a flash fire. Vapors can travel to a source of ignition and flashback. A vapor and air mixture can create an explosion hazard in confided spaces such as sewers. Use only with adequate ventilation. If container is not properly cooled, it can rupture in the heat of a fire.
Special Fire-Fighting Procedure: Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Evacuate area and fight the fire from a maximum distance or use unmanned hose holders or monitor nozzles. Cover pooling liquid with foam. Containers can build pressure if exposed to radiant heat: cool adjacent containers with flooding quantities of water until well after the fire is out. Withdraw immediately from the area if there is a rising sound from a venting safety device or discoloration of vessels, tanks or pipelines. Be aware that burning liquid will float on water. Notify appropriate authorities of potential fire and explosion hazard if liquid enter sewers or waterways.
Flammability Limits Air % By Volume: (Flammable)

6. ACCIDENTAL RELEASE MEASURES

Procedure for Spill/Leak: Absorb with an inert material and put spilled material in an appropriate waste disposal. If material is spilled do not rinse water into drains, streams or creeks. Eliminate all sources of ignition. Do not get water inside container. Dispose of in accordance with state, local and federal law.
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. HANDLING AND STORAGE

Precautions for safe handling: Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hand thoroughly after handling. Observe good industrial hygiene practices.
Conditions for safe storage: Store locked up in a cool dry area and away from children. Store in original tightly closed in container. Store away from incompatible materials. Keep from freezing and away from open flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

	Exposure Limits					
Component	**PEL/TLV**		**TWA**		**STEL**	
	PPM	Mg/m^3	PPM	Mg/m^3	PPM	Mg/m^3
Ethanol			1000			
Methanol			200		250	
Ethyl Acetate			400			
Methyl Isobutyl Ketone			50		75	

Goggles: Wear safety glasses.
Gloves: Use rubber or latex.
Respirator: N/A
Ventilation: Use natural, local or mechanical ventilation.
Hygienic Work Practices: Wash hands after use and before eating or handling food.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odor: Solvent Odor, Clear Liquid
Boiling Point: 760mm Hg
Evaporation Rate: Butyl Acetate = 1 (3.6)
Specific Gravity (H2° - 1): 0.811 @ 20/20° C
Vapor Pressure (MM HG & Temp): 48.4 mm Hg @ 20/20° C
Vapor Density (Air = 1): 1.6
Melting Point: N/A
Water Solubility: 100% @ 20° C
Water Reactive: No
PH: N/A

10. **STABILITY AND REACTIVITY**

Stability: Stable
Hazardous Decomposition Products: Burning can produce the following combustion products: Carbon monoxide and/or carbon dioxide.
Chemical Incompatibilities: Highly reactive with strong oxidizing agents. Slightly reactive with reducing agents, acids and alkalis.
Conditions to Avoid: None in designed use.
Hazardous Polymerization: Will Not Occur

11. **TOXICOLOGY INFORMATION**

Summary: This product contains no toxic ingredients.
Inhalation: Breathing high concentrations may be harmful.
Skin Contact: Not harmful.
Eye Contact: May cause eye irritation.
Ingestion: May cause nausea. Do NOT induce vomiting.

12. **ECOLOGICAL INFORMATION**

Summary: Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

13. **DISPOSAL CONSIDERATIONS**

Waste is not hazardous. Other state and local regulations may vary, consult local agencies as needed. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

14. **TRANSPOSTATION INFORMATION**

Proper Shipping Name: Cleaning product or polishing compounds.
Shipping Class: 55

15. **REGULATORY INFORMATION**

OSHA Hazard Communication Standard: This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312:
Acute Health Hazard
Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 313:
Ethanol CASRN 64-17-5, Methanol CASRN 7732-18-5, Ethyl Acetate CASRN 141-78-6 and Methyl Isobutyl Ketone CASRN 108-10-1.
Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103:
This product contains the following substances which are subject to CERCLA Section 103 reporting requirements and which are listed in 40 CFR 302.4.
California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.
United States TSCA Inventory (TSCA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16. **OTHER INFORMATION**

Special Handling/Storage: Replace or repair any leaking container.
Disclaimer: Hi-Temp Products Co. Inc. expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided. All information appearing herein is based upon data obtained from chemical manufacturer's SDS and/or MSDS sheets and/or recognized technical sources. The data presented on the SDS is recorded from hazardous ingredients listed by OSHA; air contaminant's – permissible exposure limits, title 29 code federal regulations part 1910.1000 as being potential hazardous ingredients when exposed to air or a full concentration, for a specific length of time. While this information is believed to be accurate, Hi-Temp Products makes no representation as to its accuracy or sufficiency and usage is beyond Hi-Temp Products Co. Inc.'s control. Therefore owner's responsibility is to verify and inform their employees of this data under their own operation conditions to determine whether this product is correct for a particular purpose. The user assumes all risks of their handling and disposal of the product or empty containers in accordance with local laws and from publications or use information contained herein. This information pertains to this product only and not to users mixing other chemicals together with this product. Each person using this product should read and be aware of potential hazardous ingredients in this product listed on this sheet. It is the user's responsibility and obligation to determine the condition of proper use, safety and handling during the use or application of this product. To insure safe handling of this product each distributor will provide a copy of this SDS to each shop owner or employee as required by OSHA regulations. Each shop owner should in turn supply each user with a copy of this SDS and train each person how to safely use this product, to be aware of the possible dangers., if any, while using this product, know the potential hazards of mixing other chemicals with, this product, maintain safety during use or handling of the product. At all times keep the container capped or closed after use, and dispose of the empty container in accordance with state and local laws.