

# MSDS - Material Safety Data Sheet

**Product Name:** Test Strips, Antifreeze

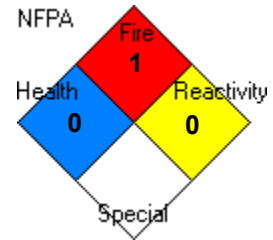
MSDS No.: 016899

**Part Numbers Covered:**

016899

**I. Basic Information:**

**Manufacturer:** WILLIAM H. HARVEY COMPANY  
**Address:** 4334 SOUTH 67TH STREET  
**City, ST Zip:** OMAHA, NE 68117-1019  
**Emergency Contact:** CHEMTREC  
**Emergency Telephone Number:** (800)424-9300  
**Contact:** Ray Rael / Jason Hertz  
**Information Telephone Number:** (800)228-9681



**Last Update:** 12/10/2004      **Expiration Date:**  
**Chemical State:**     Liquid       Gas       Solid  
**Chemical Type:**     Pure       Mixture

0	Health
1	Flammability
0	Reactivity
	Pers. Protection

**II. Ingredients:**

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
NA	THIS ITEM IS NOT CLASSIFIED AS HAZARDOUS IN ACCORDANCE WITH OSHA 1910.1200.	NI							NI	NI	NI

**III. Hazardous Identification:**

**Hazard Category:**  
 Acute       Chronic       Fire       Pressure       Reactive

**Hazardous Identification Information:**  
 NI

**IV. First Aid Measures:**

**Route(s) of Entry:**  
 SKIN

**Health Hazards (Acute and Chronic):**

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APPEARS TO BE NO SIGNIFICANT RISK. PERMISSABLE CONCENTRATIONS IN AIR 5 MG/M3 FOR MINERAL OIL MIST (OSHA). INHALATION OF FUMES IN HIGH CONCENTRATION MAY CAUSE DIZZINESS, HEADACHE, RESPIRATORY IRRITATION OR UNCONSCIOUSNESS; REMOVE VICTIM TO FRESH AIR.

### Signs and Symptoms:

None known

### Medical Conditions Generally Aggravated by Exposure:

NI

### Emergency and First Aid Procedures:

EMERGENCY FIRST AID CALL: 1-303-623-5716 COLLECT  
FOR MOLTEN MATERIAL ONLY: EYES AND SKIN - FLUSH IMMEDIATELY WITH COLD WATER AND CALL A PHYSICIAN. IF SWALLOWED CALL A PHYSICIAN.

### Other Health Warnings:

NI

## V. Fire Fighting Measures:

Flash Point: 550 F DEG

Lower Explosive Limit: NI

Upper Explosive Limit: NI

### F.P. Method:

Fire Extinguishing Media: DRY CHEMICAL, FOAM, CO2, OR WATER FOG TO COOL LIQUID WAX AFTER FIRE IS EXTINGUISHED.

### Special Fire Fighting Procedures:

WATER SPRAY IS NOT SUITABLE FOR EXTINGUISHING AGENT. FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST SMOKE INHALATION.

### Unusual Fire and Explosion:

NI

## VI. Accidental Release Measures:

### Steps to be Taken in Case Material is Released or Spilled:

NI

## VII. Handling and Storage:

### Precautions to be Taken:

STORE AWAY FROM FLAME, HEAT (250 F DEG MAX) AND STRONG OXIDIZING AGENTS.

### Other Precautions:

KEEP OUT OF REACH OF CHILDREN

## VIII. Exposure Controls/Personal Protection:

### Ventilation Requirements:

NI

### Personal Protective Equipment:

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## IX. Physical and Chemical Properties:

Boiling Point: NI

Melting Point: NI

Evaporation Rate (Butyl Acetate = 1): NI

Vapor Pressure (mm Hg.): NI

Specific Gravity (H<sub>2</sub>O = 1): 1.00000

Vapor Density (AIR = 1): NI

Solubility In Water: non-soluble

Appearance and Odor: SOLID

Other Information:

## X. Stability and Reactivity:

Stability:

STABLE

Incompatibility (Materials to Avoid):

KEEP AWAY FROM FLAME, HEAT (200 F DEG MAX) AND STRONG OXIDIZING AGENTS.

Decomposition/By Products:

UPON COMBUSTION, CARBON MONOXIDE AND CARBON DIOXIDE ARE GENERATED

Hazardous Polymerization:

WILL NOT OCCUR

## XI. Toxicological Information:

NO TOXICITY KNOWN

## XII. Ecological Information:

NI

## XIII. Disposal Considerations:

DISPOSE OF ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

## XIV. Transport Information:

NI

## XV. Regulatory Information:

NOT LISTED ON ANY FEDERAL OR STATE RIGHT TO KNOW LISTS

## XVI. Other Information:

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ABBREVIATIONS:

N/A = NOT APPLICABLE N/I = NONE INDICATED NDA = NO DATA AVAILABLE  
N/E = NOT ESTABLISHED C = CELSIUS DEGREES F = FAHRENHEIT DEGREES

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