

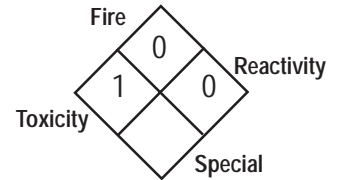
# MSDS/WHMIS SAFETY DATA SHEET



**KLEENCO**<sup>®</sup>  
 FOR QUALITY, VALUE AND PERFORMANCE  
 KLEENCO PRODUCTS, INC.  
 PO Box 1786 Bellevue, WA 98009

**TELEPHONE NUMBER**  
 Regular Phone  
 253-872-8787  
 e-mail: kleenco@kleenco.com  
**For Emergency Assistance**  
 Call Infotrac (800) 535-5053

**HAZARD RATING**  
 4 = Extreme  
 3 = High  
 2 = Moderate  
 1 = Slight  
 0 = Insignificant  
 \* = See Section IV



## 1 - CHEMICAL PRODUCT INFORMATION

PRODUCT NAME: <b>SAFE-T-ZYME</b>	DATE ISSUED 04-08-02	SUPERSEDES All Previous	PAGE 1 OF 2 - Product Code 022-0121
FORMULA: Proprietary	PREPARED BY: Dale R. Silbaugh	CHEMICAL NAMES AND OR SYNONYMS: Compound Cleaning Liquid	WHMIS CLASSIFICATION Class D Division 2B

## 2 - COMPOSITIONAL INFORMATION ON INGREDIENTS

INGREDIENT	APPROXIMATE CONCENTRATION	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			LD50 - LC50 - SPECIES - ROUTE
			OSHA PEL	ACGIH TLV	OTHER	

## 3 - HAZARDS IDENTIFICATION

APPEARANCE and ODOR: Water thin, opaque white liquid	ROUTES OF ENTRY:	SKIN CONTACT Y/N Yes	SKIN ABSORPTION Y/N No	EYE CONTACT Y/N Yes	INHALATION Y/N Yes	INGESTION Y/N Yes
SIGNS AND SYMPTOMS OF EXPOSURE: <b>Skin Contact:</b> No irritation is likely after brief contact but may be irritating after prolonged contact. <b>Inhalation:</b> Vapors and mist can cause the following -irritation of nose throat and lungs. <b>Eye Contact:</b> Direct contact with the material can irritate the eyes. <b>Ingestion:</b> No effect in small amounts. Larger amounts may cause irritation of the mouth, pharynx, esophagus and stomach.						
POTENTIAL HEALTH AFFECTS (Acute and Chronic) None known.						
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Contact lenses should not be worn when working with this product.						
IRRITANCY OF PRODUCT: May cause eye and skin irritation.			SENSITIZATION TO PRODUCT: None Known			
SYNERGISTIC MATERIALS: None known.			CARCINOGENICITY EFFECTS:		NTP Y/N No	IARC Y/N No
REPRODUCTIVE EFFECTS Y/N: No		TERATOGENICITY EFFECTS Y/N: No		MUTAGENICITY EFFECTS Y/N: No		

## 4 - FIRST AID MEASURES

FIRST AID FOR EYES: Immediately flush eyes with plenty of water. Get medical attention if discomfort continues.
FIRST AID FOR SKIN: Immediately flush skin with plenty of water. Get medical attention, if irritation develops or persists.
FIRST AID FOR INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
FIRST AID FOR INGESTION: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## 5 - FIRE FIGHTING MEASURES

FLAMMABILITY CONDITIONS? Y/N No	MEANS OF EXTINCTION: Foam, dry chemical, CO2, Water Spray.	FLASH POINT (DEG. C) AND METHOD: >100 deg C. (TCC)
UPPER EXPLOSION LIMIT: Not applicable.	LOWER EXPLOSION LIMIT: Not applicable.	AUTOIGNITION TEMPERATURE (DEG. C): Not applicable.
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide/dioxide	EXPLOSION SENSITIVITY TO IMPACT: Not applicable.	SENSITIVITY TO STATIC DISCHARGE: Not applicable.
SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.		

## 6 - ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURE: Stop the source of the leak. Clean up releases as soon as possible, observing information in section 8. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills with techniques such as sorbent materials or pumping.
---

## 7 - HANDLING AND STORAGE

HANDLING PROCEDURES/EQUIPMENT: Wash thoroughly after handling. Use with adequate ventilation. Eyewash equipment should be available. Avoid prolonged or repeated contact with the skin.
STORAGE REQUIREMENTS: Keep out of reach of children. Store in a cool dry place. Keep container tightly closed when not in use.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT: To prevent any prolonged or repeated contact.	GLOVES (SPECIFY): Impervious	RESPIRATORY (SPECIFY): NIOSH for vapors encountered at point of use.	FOOTWEAR (SPECIFY): Rubber boots.
CLOTHING (SPECIFY): Not applicable.	OTHER: Chemical splash goggles.	ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.	

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE (GAS, LIQUID, SOLID): Liquid	ODOR/APPEARANCE: Water thin, opaque white liquid.	ODOR THRESHOLD (PPM): Not available.	SPECIFIC GRAVITY: 1.00	VAPOR PRESSURE: Not available.	VAPOR DENSITY: Not available.	EVAPORATION RATE (Butyl Acetate =1): Not available.
BOILING POINT (DEG C): Unknown	FREEZING POINT (DEG C): 32 deg. F.	SOLUBILITY IN WATER (20 DEG C): Complete.	% VOLATILE (By Weight): < 99%	pH: 7.0-8.0	COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available.	

## 10 - STABILITY AND REACTIVITY

STABILITY: Stable.	INCOMPATIBLE SUBSTANCES: Acids, strong oxidizers.	REACTIVITY CONDITIONS: None known.	HAZARDOUS DECOMPOSITION PRODUCTS: May liberate carbon monoxide and/or carbon dioxide.
-----------------------	--	---------------------------------------	--

## 11 - TOXICOLOGICAL INFORMATION

--

## 12 - ECOLOGICAL INFORMATION

No data available.
--------------------

## 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in a manner consistent with applicable regulations. Contact local environmental authorities for approved disposal methods.
---

## 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Compound cleaning liquid.	D.O.T. HAZARD CLASS: Not applicable.	UN/NA NUMBER: Not applicable.	PRODUCT RO (lbs.): Not applicable.	D.O.T. LABEL: Not applicable.	D.O.T. PLACARD: Not applicable.	FREIGHT CLASS: 55
--	---	----------------------------------	---------------------------------------	----------------------------------	------------------------------------	----------------------

## 15 - REGULATORY INFORMATION

OSHA STATUS: Subject to OSHA hazardous communication standard CFR 29, 1910-1200.
SARA TITLE III: No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and 40 CFR 342.
STATE REGULATORY INFORMATION: None Known.

## 16 - OTHER INFORMATION

Handle in accordance with good industrial hygiene and safety practices. Avoid unnecessary exposure and remove material from eyes, skin and clothing.	PAGE 2 OF 2 - Product Code 022-0121
--	--

## RISK OF USE

The information contained herein is based on data considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained thereof. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local laws and regulations. KLEENCO PRODUCTS, INCORPORATED and its distributors assume no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with use of the material.
---