

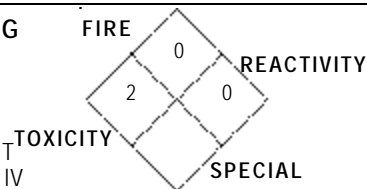


KLEENCO
FOR QUALITY, VALUE AND PERFORMANCE

KLEENCO PRODUCTS, INC.
• P.O. BOX 1786 • Bellevue, WA. 98009

TELEPHONE NUMBER
Reg. Phone
206-641-8888
For Emergency Assistance
Call Infotrac (800) 535-5053

HAZARD RATING
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT
* = SEE SECTION IV



MATERIAL SAFETY DATA SHEET

PRODUCT NAME RETAIN "WB" CONCENTRATE	DATE ISSUED 03-19-93	CODE	DOT HAZARD
	PREPARED BY Dale R. Silbaugh	007-0296	Not Regulated
FORMULA Proprietary	CHEMICAL NAMES AND OR SYNONYMS Compound Cleaning Liquid		

I-COMPOSITIONAL INFORMATION/SARA III INFORMATION

INGREDIENTS	CAS NUMBER	OCCUPATION EXPOSURE LIMITS OSHA PEL ACGIH TLV OTHER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and 40 CFR 342. NOTE: The precise composition of this mixture is proprietary. A more complete description will be provided to a physician in the event of a medical emergency.				

II - PHYSICAL PROPERTY INFORMATION

APPEARANCE and ODOR Slightly viscous, opaque tan liquid with mild acrylic odor.			
MELTING POINT Not Applicable	BOILING POINT 212°F @ 760 mm Hg.	COATING V.O.C. Not Applicable	EVAPORATION RATE Slower than ether
SOLUBILITY IN WATER Dispersible	SPECIFIC GRAVITY (Water = 1) 1.08	VAPOR DENSITY Not Applicable	

III - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT Not Applicable	AUTO IGNITION TEMPERATURE Not Available	LOWER EXPLOSION LIMIT (%) Not Applicable	UPPER EXPLOSION LIMIT (%) Not Applicable
EXTINGUISHING MEDIA <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> DRY CHEMICAL <input checked="" type="checkbox"/> WATER SPRAY <input type="checkbox"/> OTHER			
SPECIAL FIRE FIGHTING PROCEDURES For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire MSDS.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Heating above 392°F or in fire conditions toxic decomposition products may be formed. These products may cause severe eye, nose, throat and lung irritation. Use adequate ventilation.			

IV - HEALTH HAZARD INFORMATION

THRESHOLD LIMIT VALUE AEL* (Du Pont) 10 mg/m ³ - 8 Hr.	ROUTE(S) OF ENTRY: <input checked="" type="checkbox"/> INHALATION See Health Hazards	<input checked="" type="checkbox"/> SKIN See Health Hazards	<input checked="" type="checkbox"/> INGESTION See Health Hazards
HEALTH HAZARDS (Acute and Chronic) CHRONIC EFFECTS OF EXPOSURE: None known.			
CARCINOGENICITY: Not considered to be a carcinogen <input type="checkbox"/> NTP <input type="checkbox"/> IARC Monographs <input checked="" type="checkbox"/> OSHA Regulated			
SIGNS AND SYMPTOMS OF EXPOSURE EYE CONTACT: May initially include eye irritation with discomfort, tearing, or blurring of vision. SKIN CONTACT: May include skin irritation with discomfort or rash; allergic skin rashes. Data to evaluate the skin permeation hazard of this compound are insufficient. There are no reports of human sensitization. INHALATION: Inhalation may initially include irritation of the upper respiratory passages; or temporary lung irritation effects with cough, discomfort, difficulty breathing, or shortness of breath. SWALLOWED: No information available.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Individuals with preexisting diseases of the lungs may have increased susceptibility to the toxicity of excessive exposures.			
EMERGENCY AND FIRST AID PROCEDURES INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. SKIN: In case of contact, immediately wash skin with soap and water. Wash contaminated clothing before reuse. INGESTION: If swallowed, do not induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Call a physician. NOTES TO PHYSICIAN: Activated charcoal slurry may be administered. To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400mL water and mix thoroughly. Administer 5mL/kg, or 350 mL for an average adult.			

V - REACTIVITY INFORMATION

<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID None	
HAZARDOUS DECOMPOSITION PRODUCTS Heating above 392°F or in fire conditions toxic decomposition products may be formed. These products may cause severe eye, nose, throat and lung irritation. Use adequate ventilation.			
HAZARDOUS POLYMERIZATION	<input type="checkbox"/> MAY OCCUR	<input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID None known.
INCOMPATIBILITY (Materials to avoid) Incompatible with cations.			

VI - SPILL OR LEAK PROCEDURE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Stop the source of leak or release. Clean up releases as soon as possible, observing precautions in Special Protective Information. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.	
WASTE DISPOSAL METHODS Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental authorities for approved disposal of this material.	

VII - SPECIAL PROTECTION INFORMATION

VENTILATION TYPE Use only with adequate ventilation. Keep container tightly closed. Vent dryer fumes outside work area. Do not aerosolize. In spray applications, use airless type pressure spray equipment at less than 60 psi and exhaust ducts, drip pans, or other design features to minimize worker exposure to mists and overspray. Keep away from open flames and heated surfaces above 392°F.	
RESPIRATORY PROTECTION Wear a NIOSH-Approved respirator, appropriate for the concentration of vapor or mist encountered at the point of use.	
PROTECTIVE GLOVES Impervious	EYE PROTECTION Wear eye protection to prevent any reasonable probability of eye contact.
OTHER PROTECTIVE EQUIPMENT Wear appropriate equipment to prevent any repeated or prolonged skin contact.	

VIII - STORAGE AND HANDLING INFORMATION

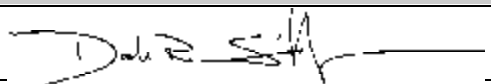
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Keep out of reach of children. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Avoid circumstances that produce respirable particles unless suitable ventilation and protective equipment is used. Store in a cool dry place away from incompatible materials. Keep container tightly closed when not in use. Workers should wash promptly when skin becomes wet. The following equipment should be available: Eyewash. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of the injury.	
OTHER PRECAUTIONS Read and follow label instructions. The label contains information necessary for the proper use of the product. Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.	

IX - TOXICITY INFORMATION

On the basis of available information this material does not appear to possess any toxicological properties which would require special handling other than good industrial hygiene and safety practices employed with any industrial chemical.

X - MISCELLANEOUS INFORMATION

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and the removal of the material from eyes, skin and clothing.

PRODUCT CODE	NA = NOT AVAILABLE	DATE OF ISSUE	SUPERSEDES	SIGNED
007-0296		03-19-93	All previous MSDS	

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