

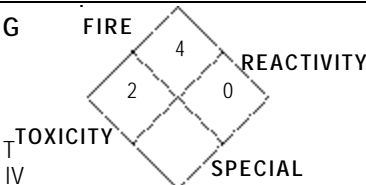


KLEENCO
FOR QUALITY, VALUE AND PERFORMANCE

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 LS6 SOFTENER	DATE ISSUED 04-22-93	CODE	DOT HAZARD
FORMULA Proprietary	PREPARED BY Dale R. Silbaugh	026-0172	Not Regulated
CHEMICAL NAMES AND OR SYNONYMS		Powdered Cleaning Compound	

I-COMPOSITIONAL INFORMATION/SARA III INFORMATION

INGREDIENTS	CAS NUMBER	OCCUPATION OSHA PEL	EXPOUSURE ACGIH TLV	LIMITS OTHER	VAPOR mm Hg	PRESSURE @ 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 Free flowing, dry white/yellow powder			
MELTING POINT Not Applicable	BOILING POINT Not Applicable	COATING V.O.C. Not Applicable	EVAPORATION RATE Slower than ether
SOLUBILITY IN WATER Dispersable	SPECIFIC GRAVITY (Water = 1) 1.2	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 The powdered fines of this product can present a weak dust explosion hazard. When dispersed in air, these dusts are sensitive to both thermal and electrical ignition sources.			

IV - HEALTH HAZARD INFORMATION

THRESHOLD LIMIT VALUE Not Established	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 reported.			
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 INHALATION: Inhalation of dust may cause irritation of the nose and throat. Inhalation of isopropanol vapors can cause drowsiness and irritation of the respiratory tract. EYE CONTACT: Causes severe eye irritation. High concentrations (> 400 ppm) of isopropanol vapors can also cause eye irritation. SKIN CONTACT: May cause skin irritation, seen as redness and swelling. In presence of moisture or sweat, may cause more severe irritation, including burns, following prolonged contact. May cause allergic skin reaction. SKIN ABSORPTION: Skin absorption through intact skin is likely to be negligible. SWALLOWING: May cause burns of the mouth, throat, esophagus and stomach. May cause nausea, vomiting, and diarrhea if large quantities are ingested.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Skin irritation may be aggravated in persons with existing skin lesions. Breathing of dust may aggravate acute or chronic asthma and other chronic pulmonary disease.			
EMERGENCY AND FIRST AID PROCEDURES EYES: If this chemical contacts the eyes, immediately wash the eyes with large amounts of water and continue flushing for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working with this chemical. SKIN: If this chemical contacts the skin, flush the contaminated skin with water promptly. If this chemical penetrates the clothing, immediately remove the clothing and flush the skin with water promptly. If irritation persists after washing, get medical attention. Remove contaminated clothing and launder before re-use. INHALATION: If a person breathes large amounts of this chemical, move the exposed person to fresh air at once. If breathing has stopped, perform mouth-to-mouth resuscitation. Keep the affected person warm and at rest. Get medical attention as soon as possible. INGESTION: If this chemical has been swallowed, get medical attention immediately.			

V - REACTIVITY INFORMATION

<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID None
HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide is evolved at very high temperatures (1000°C, 1832°F.) or when mixed with acids.		
HAZARDOUS POLYMERIZATION	<input type="checkbox"/> MAY OCCUR	<input checked="" type="checkbox"/> WILL NOT OCCUR
CONDITIONS TO AVOID Hygroscopic; protect from moisture. Remixing of separated acid and sodium carbonate solutions could cause CO2 evolution and severe splattering.		
INCOMPATIBILITY (Materials to avoid) Reacts with strong acids. Can react violently with A1, P205, F2, Li and 2,4,6-trinitrotoluene (Ref. 1). This material upon contact with certain food products or their residues which contain reducing sugars, may react to form deadly carbon monoxide gas. Strong oxidizing agents.		

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	Local mechanical exhaust ventilation, capable of maintaining emissions at the point of use below the PEL.	
RESPIRATORY PROTECTION	NIOSH/MSHA approved dust respirator advised for operations which generate dust. A NIOSH/MSHA respirator with organic vapor canister is recommended if ventilation is insufficient to maintain exposures below the PEL for isopropanol.	
PROTECTIVE GLOVES	Impervious	EYE PROTECTION
		Wear eye protection to prevent any possibility of eye contact.
OTHER PROTECTIVE EQUIPMENT		
Wear appropriate equipment to prevent any possibility of skin contact.		

VIII - STORAGE AND HANDLING INFORMATION

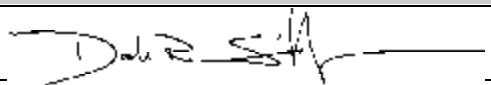
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE		Keep out of reach of children. Store in a cool dry place away from incompatible materials. Keep container tightly closed when not in use. Workers should wash immediately when skin becomes contaminated and at the end of each work shift. The following equipment 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 026-0172	NA = NOT AVAILABLE	DATE OF ISSUE 04-22-93	SUPERSEDES Any previous MSDS	SIGNED 
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 the use of the material.				