

MATERIAL SAFETY DATA SHEET

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MSDS # 126136001

BEER CLEAN® LAST RINSE SANITIZER

Date Issued: 18Jun1997

Supersedes: 07Jun1995

	HAZARD RATING	HMIS	HAZARD	NFPA
Drackett Professional A Division of S.C. Johnson Commercial Markets, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737 Emergency Phone: (800) 851-7145	4-Very High 3-High 2-Moderate 1-Slight 0-Insignificant	3 0 0	Health Flammability Reactivity Special	3 0 0

----- SECTION 1 - PRODUCT IDENTIFICATION -----

PRODUCT NAME..... BEER CLEAN® LAST RINSE SANITIZER
 REASON FOR CHANGE..... No significant changes.
 PRODUCT USE..... Industrial/Institutional: Sanitizer

----- SECTION 2 - INGREDIENT INFORMATION -----

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Monosodium Phosphate (CAS# 7558-80-7).....	30-60	NOT ESTABLISHED LD50: 8,300 mg/kg (oral-rat)
Trichloromelamine (CAS# 7673-09-8).....	10-30	NOT ESTABLISHED LD50: 690 mg/kg (oral-rat)
[PA NJ MA] Sodium Dodecylbenzene Sulfonate.... (CAS# 25155-30 0)	5-10	NOT ESTABLISHED LD50: 1,260 mg/kg (oral-rat)
Citric Acid (CAS# 77-92-9).....	5-10	NOT ESTABLISHED LD50: 11,700 mg/kg (oral-rat)

----- SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11) -----

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Ingestion. Inhalation.
 EFFECTS OF ACUTE EXPOSURE:
 EYE..... Corrosive: May cause: Eye damage.
 SKIN..... Corrosive: May cause: Chemical burns.
 INHALATION..... May cause: Irritation to nose, throat and respiratory tract.
 INGESTION..... Corrosive to mouth and digestive tract.
 MEDICAL CONDITIONS..... None known.
 GENERALLY RECOGNIZED
 AS BEING AGGRAVATED
 BY EXPOSURE

----- SECTION 4 - FIRST AID MEASURES -----

EYE CONTACT..... Flush immediately with plenty of water for at least 15 to 20
 minutes. If irritation persists, get medical attention.
 SKIN CONTACT..... Immediately remove contaminated clothing, shoes & leather goods.
 Rinse with plenty of water. If irritation persists, get medical
 attention.
 INHALATION..... Remove to fresh air. If breathing is affected, get medical
 attention.
 INGESTION..... Rinse mouth immediately. Immediately drink 1-2 glasses of water
 or milk. Do not induce vomiting! Contact nearest poison control
 center.

----- SECTION 5 - FIRE AND EXPLOSION INFORMATION -----

FLASH POINT..... Not applicable.

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----- SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued) -----

FLAMMABLE LIMITS..... Not applicable.
 AUTOIGNITION..... Not applicable.
 TEMPERATURE
 EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.
 SPECIAL FIREFIGHTING... Fire fighters should wear self-contained breathing apparatus and
 PROCEDURES protective clothing. Combustion products may be toxic.
 UNUSUAL FIRE AND..... Dust may be combustible when finely divided and suspended in air.
 EXPLOSION HAZARDS

----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... Sweep or scrape up and containerize. Rinse affected area
 CASE MATERIAL IS thoroughly with water.
 RELEASED OR SPILLED

----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY..... DANGER: CORROSIVE: May burn skin and damage eyes. Harmful if
 INFORMATION swallowed. Wear rubber gloves and adequate eye protection. Wash
 thoroughly after handling. Avoid contact with skin, eyes and
 clothing. Keep out of reach of children.
 OTHER HANDLING AND..... Store in a cool, dry place with adequate ventilation.
 STORAGE CONDITIONS

----- SECTION 8 - SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION. No special requirements under normal use conditions.
 VENTILATION..... No special requirements.
 PROTECTIVE GLOVES..... No special requirements under normal use conditions. If prolonged
 or repeated contact is possible: Neoprene. Rubber.
 EYE PROTECTION..... Chemical goggles.
 OTHER PROTECTIVE..... No special requirements.
 MEASURES

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR..... Pale Yellow
 PRODUCT STATE..... Powder
 ODOR..... Chlorine
 pH..... 2.7 (slurry)
 ODOR THRESHOLD..... Not available.
 SOLUBILITY IN WATER.... Complete
 SPECIFIC GRAVITY..... 0.81
 (H2O=1)
 VAPOR DENSITY (AIR=1).. Not applicable.
 EVAPORATION RATE (BUTYL Not applicable.
 ACETATE=1)
 VAPOR PRESSURE (mm HG). Not applicable.
 BOILING POINT..... Not applicable.
 FREEZING POINT..... Not applicable.
 COEFFICIENT OF..... Not applicable.
 WATER/OIL
 PERCENT VOLATILE BY.... Not applicable.
 VOLUME (%)

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----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

VOLATILE ORGANIC..... Not applicable.
COMPOUND (VOC)
THEORETICAL VOC..... Not applicable.
(LB/GAL)

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
STABILITY - CONDITIONS. Excessive heat.
TO AVOID
INCOMPATIBILITY..... Do not mix with any other chemicals or products unless specified
by label.
HAZARDOUS DECOMPOSITION Toxic decomposition products include: chlorine.
PRODUCTS
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... Not applicable.
POLYMERIZATION -
CONDITIONS TO AVOID

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX).. Corrosive
LD50 (ACUTE DERMAL TOX) Not available.
EFFECTS OF CHRONIC..... None known.
EXPOSURE
SENSITIZATION..... None known.
CARCINOGENICITY..... None known.
REPRODUCTIVE TOXICITY.. None known.
TERATOGENICITY..... None known.
MUTAGENICITY..... None known.

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not available.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... Waste from normal product use may be sewerred to a public-owned
INFORMATION treatment works (POTW) in compliance with applicable Federal/
Provincial/ State/ Local/ Municipal pretreatment requirements.
For undiluted product: Disposal of undiluted product is regulated
under environmental and transportation laws as a corrosive waste.

----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Please refer to the bill of lading/receiving documents for
up-to-date shipping information or call (414)631-4510/FAX
(414)631-4067.
CANADIAN SHIPPING NAME. Not applicable.
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Not applicable.

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----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Not applicable.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65. These ingredients from Section 2 are subject to the following reporting requirements:

PA - The Pennsylvania Hazardous Substance List
NJ - The New Jersey Right to Know Hazardous Substance List
MA - The Massachusetts Hazardous Substance List

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. Use as directed.

EPA REGISTRATION #..... 4822-426 formerly: (1913-32)

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

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ISSUE DATE: 3/26/86

PRODUCT NAME: WISK NONPHOSPHATE LIQUID LAUNDRY DETERGENT

ACUTE TOXICITY INFORMATION

ORAL LD50: Nontoxic (1)
INHALATION LC50: N.D.
DERMAL LD50: N.D.
EYE IRRITATION: Irritant (1)
SKIN IRRITATION: Nonirritant (1)
SKIN SENSITIZATION: Nonsensitizer (1)
PRIMARY ROUTES OF ENTRY: Eye Contact

CHRONIC EXPOSURE EFFECTS

TARGET ORGANS: Eye

MUTAGENICITY: (NTP, IARC & OSHA LIST) None

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None Known

References: 1.) In-House Safety Testing, 1985.

EMERGENCY AND FIRST AID TREATMENT

EYE: Immediately rinse eyes with water. Remove contact lenses, if any, then continue rinsing for 10 to 15 minutes with water.
SKIN: Remove contaminated clothing and rinse skin with water.
INGESTION: Drink a glass of water or milk.
INHALATION: Move person to fresh air and provide respiratory support if needed.
COMMENTS: Call a physician if symptoms persist or amount swallowed was large.

SYMPTOMS AND EFFECTS OF EXPOSURE

EYE: May cause burning sensation, lacrimation and erythema.
SKIN: Possible irritation from prolonged or repeated contact.
INGESTION: May produce nausea, vomiting, abdominal discomfort and diarrhea.
INHALATION: May produce irritation of respiratory tract.

PERSONAL SAFETY MEASURES AND EQUIPMENT

EYES: Safety glasses with side shields.
RESPIRATOR: Cartridge for mists if needed.
GLOVES: Impermeable gloves if needed.
VENTILATION: Local exhaust if needed.
OTHER:

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