

MATERIAL SAFETY DATA SHEET**Date issued: 11/17/00****Supersedes: 03/11/99**

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SECTION 1. IDENTIFICATION OF PRODUCT

PRODUCT NAME: **ZONK NON-BUTYL CONCENTRATED CLEANER & DEGREASER**
UNISOURCE ITEM #: U17819, U17820, U17822, U17823, U17824

SECTION 2. INGREDIENTS

INGREDIENTS	CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV
SODIUM HYDROXIDE (50%) SOLUTION	1310-73-2	2.0 - 2.5	2 MG/M3	2 MG/M3
*ETHOXYLATED NONYL PHENOL	9016-45-9	2 - 4	N/D	N/D
SODIUM SILICATE SOLN.	1344-09-8	2 - 3	2 MG/M3	2 MG/M3

N/D = NOT DETERMINED N/A = NOT APPLICABLE N/E = NOT ESTABLISHED

*THESE MATERIALS ARE SUBJECT TO THE REPORTING REQUIREMENTS UNDER
SARA TITLE III, SECTION 313 AND 40 CFR PART 372.

SECTION 3. PHYSICAL DATA

BOILING POINT (F): APPROX. 212 SPECIFIC GRAVITY (WATER=1): 1
VAPOR PRESSURE (PSIG): N/E PERCENT VOLATILE (BY VOLUME): APPROX. 91
VAPOR DENSITY (AIR=1): N/E EVAPORATION RATE (BUACE=1): N/A
SOLUBILITY IN WATER: MISCIBLE PH RANGE: 12.5 - 13.5
APPEARANCE & ODOR: CLEAR BLUE LIQUID / SWEET SCENT

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): NONE FLAMMABILITY: NON-FLAMMABLE
AUTO-IGNITION TEMP.: N/A FLAMMABLE LIMITS: LEL = N/A UEL = N/A
EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, FOAM, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES: NORMAL FIRE FIGHTING PROCEDURES
MAY BE USED. COOL WITH WATER SPRAY AND USE CAUTION WHEN
APPROACHING OR HANDLING FIRE-EXPOSED CONTAINERS.

UNUSUAL FIRE & EXPLOSION HAZARDS: PRODUCTS OF COMBUSTION ARE NOT
TOXIC. CONTAINERS MAY BURST IN HEAT.

SECTION 5. REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: FREEZING; EXCESSIVE HEAT.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
MATERIAL TO AVOID: DO NOT MIX WITH OTHER CHEMICALS.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY CONSIST OF CO, CO₂, AND ORGANIC VAPORS OF UNKNOWN COMPOSITION.

SECTION 6. SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL SPILLS: (FOR LIQUID CONCENTRATE) DILUTE WITH WATER AND PICK UP WITH MOP AND PAIL OR WET PICK-UP VACUUM.

LARGE SPILLS: (FOR LIQUID CONCENTRATE) DIKE AREA TO CONTAIN SPILL. CLEAN UP USING ABSORBENT MATERIAL. PLACE ALL CONTAMINATED MATERIAL IN A CLOSED CONTAINER FOR DISPOSAL.

DISPOSAL: UNDILUTED (LIQUID CONCENTRATE) PRODUCT RECOVERED FROM SPILLS MAY BE SENT TO LICENSED DISPOSAL FACILITY TO BE DISPOSED OF IN ACCORDANCE WITH FEDERAL/STATE REGULATIONS AND LOCAL ORDINANCES.

CONTAIN. DISP.: LIQUID BULK CONCENTRATE CONTAINERS SHOULD BE TRIPLE RINSED AND DISCARDED PER LOCAL, STATE AND FEDERAL REGULATIONS IF NOT RECYCLED. DO NOT FLUSH TO SEWER.

SECTION 7. HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: SKIN
OVEREXPOSURE SYMPTOMS:

EYE CONTACT: MILD EYE IRRITANT.

SKIN CONTACT: IRRITATION CAN OCCUR FROM PROLONGED AND REPEATED CONTACT. MILD IRRITATION DUE TO DEFATTING OF SKIN.

INHALATION: NONE KNOWN TO UNISOURCE.

INGESTION: POSSIBLE CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS. MAY CAUSE STOMACH PAIN/CRAMPS, VOMITING AND NAUSEA.

CHRONIC HEALTH HAZARDS: NONE KNOWN TO UNISOURCE.

SECTION 8. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH THE EYE WITH LARGE QUANTITIES OF RUNNING WATER FOR A MINIMUM OF 15 MINUTES. HOLD THE EYELIDS APART DURING THE IRRIGATION TO ENSURE FLUSHING OF THE ENTIRE SURFACE OF THE EYE LID WITH WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN CONTACT: RINSE WITH WARM WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. WASH CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION: MOVE PERSON TO FRESH AIR.

INGESTION: REQUIRES IMMEDIATE MEDICAL MANAGEMENT. DRINK MILK OR WATER AND GET MEDICAL ADVICE. VOMITING SHOULD BE INDUCED ONLY ON RECOMMENDATION OF MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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SECTION 9. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE REQUIRED WHEN USED AS DIRECTED.

VENTILATION: NORMAL ROOM VENTILATION SHOULD BE ADEQUATE.

PROTECTION GLOVES: NEOPRENE (RUBBER) GLOVES RECOMMENDED WHEN HANDLING CONCENTRATE FOR PROLONGED PERIODS OR IF SKIN IS ESPECIALLY SENSITIVE.

EYE PROTECTION: CHEMICAL GOGGLES/EYE PROTECTION WHEN HANDLING CONCENTRATE.

OTHER MEASURES: APPROPRIATE PROTECTIVE EQUIPMENT WHEN GROSS EYE/SKIN CONTACT MAY OCCUR. AVOID FOOD CONTAMINATION.

SECTION 10. ADDITIONAL INFORMATION AND PRECAUTIONS

HANDLING AND STORAGE: STORE IN A COOL DRY PLACE.

SARA TITLE III H&P RATINGS: ACUTE, YES; CHRONIC, NO; FIRE, NO;
PRESS. RELEASE: NO; REACTIVE: NO.

HMIS RATINGS: HEALTH - 2 FIRE - 0 REACTIVITY - 0 PROTECTION - A
NFPA RATINGS: HEALTH - 2 FIRE - 0 REACTIVITY - 0 SPECIFIC -

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET REPRESENTS THE LATEST DATA AND BEST OPINION AS TO THE PROPER USE AND HANDLING OF THIS PRODUCT UNDER NORMAL CONDITIONS. ANY USE OF THIS PRODUCT OR METHOD OF APPLICATION WHICH IS NOT IN CONFORMANCE WITH THIS DATA SHEET AND THE PRODUCT LABEL DIRECTIONS, IS THE RESPONSIBILITY OF THE USER. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION REGULATION.