

## PUREX INDUSTRIAL -- INSTITUTIONAL BAB-O CLEANSER WITH BLEACH, P-7520 -- 7930-00N042208

## ===== Product Identification =====

Product ID:INSTITUTIONAL BAB-O CLEANSER WITH BLEACH, P-7520

MSDS Date:01/01/1990

FSC:7930

NIIN:00N042208

MSDS Number: BSTDB

=== Responsible Party ===

Company Name:PUREX INDUSTRIAL

Address:7300 BOLSA AVE

City:WESTMINSTER

State:CA

ZIP:92648-3600

Country:US

Info Phone Num:714-890-3600

Emergency Phone Num:614-387-6200

Preparer's Name:KYLE ITO

CAGE:PUREX

=== Contractor Identification ===

Company Name:PUREX INDUSTRIAL

Address:7300 BOLSA AVE.

City:WESTMINSTER

State:CA

ZIP:92684-3600

Phone:(714) 890-3600

CAGE:PUREX

Company Name:TURCO PRODUCTS, INC. DIVISON OF ELF ATOCHEM NORTH AMERICA

Address:2000 MARKET ST

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:215-419-7890

CAGE:61102

## ===== Composition/Information on Ingredients =====

Ingred Name:ING 12:OF UPPER RESP TRACT WHICH COULD CAUSE ACUTE  
PNEUMOCONIOSIS. SYMP MAY INCLUDE COUGHING, DYSP, WHEEZING, (ING 14)  
RTECS #:9999999ZZ

Ingred Name:ING 13:THROAT IRRIT & NONSPECIFIC CHEST ILLNESSES. CHRONIC  
DUST EXPOS MAY LEAD TO SILIICOSIS. INGEST:MAY CAUSE (ING 15)  
RTECS #:9999999ZZ

Ingred Name:ING 14:GI IRRIT W/NAUS, VOMIT, DIARR. SKIN:RPTD/PRLNG EXPOS  
MAY PRDCE IRRIT. EYES:MAY IRRIT CAUSING REDNESS & PAIN.  
RTECS #:9999999ZZ

Ingred Name:SILICA, CRYSTALLINE - QUARTZ; (SILICA FLOUR (SILICON  
DIOXIDE))  
CAS:14808-60-7  
RTECS #:VV7330000  
OSHA PEL:0.1 MG/M3 RDUST  
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:SODIUM CARBONATE (2:1)

CAS:497-19-8  
RTECS #:VZ4050000

Ingred Name:BENZENE SULFONIC ACID, DODECYL-, SODIUM SALT; (SODIUM  
LINEAR DODECYLBENZENE SUFFONATE) (SARA III)

CAS:25155-30-0  
RTECS #:DB6825000  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:S-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE,1,3-DICHLORO-POTASSIUM  
SALT; (POTASSIUM DICHLOROISOCYANURATE)

CAS:2244-21-5  
RTECS #:XZ1850000

Ingred Name:SUPDAT:STRUCTURE TO FORM TRIDYMIT/CRISTOBALITE.  
RTECS #:9999999ZZ

Ingred Name:EFTS OF OVEREXP:VOMIT, DIARR, CIRCULATORY COLLAPSE, DEATH.  
CHRONIC INHAL MAY CAUSE INFLAM OF MUC MEMB OF RESP (ING 7)

RTECS #:9999999ZZ

Ingred Name:ING 6:TRACT. ING 3:MILD EYE & SKIN IRRIT. MOD TOX W/INGEST.  
ING 4:HIGHLY IRRIT TO EYES. MAY CAUSE VISUAL DISTURB,(ING 8)

RTECS #:9999999ZZ

Ingred Name:ING 7:EYE BURNS & CORNEAL DMG. HIGHLY IRRIT TO SKIN; SYMP  
MAY INCLUDE REDNESS, SKIN BURNS & DERM. HIGHLY IRRIT TO(ING 9)

RTECS #:9999999ZZ

Ingred Name:ING 8:MUC MEMB & RESP TRACT. INHAL OF DUST MAY CAUSE  
COUGHING, SNEEZING, RESP EDEMA, BRONCHOSPASMS & LUNG DMG. (ING 10)

RTECS #:9999999ZZ

Ingred Name:ING 9:CHRONIC DUST INHAL MAY PRDCE CHRONIC BRONCH & LUNG  
DISEASE. IN PRESENCE OF MOISTURE, IN EYES, UPPER RESP (ING 11)

RTECS #:9999999ZZ

Ingred Name:ING 10:TRACT/ON MOIST/ABRADED SKIN, MATL IS MODERATELY  
IRRIT. INGEST TOX APPARENTLY DUE TO CORR ACTION ON STOM (ING 12)

RTECS #:9999999ZZ

Ingred Name:ING 11:RATHER THAN TO ANY SYSTEMIC EFTS. SIGNS & SYM OF  
OVEREXP:INHAL:INHAL OF DUST MAY CAUSE SIGNIFICANT IRRIT (ING 13)

RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ING 1:CONSIDERED VERY TOX VIA INHAL.

ACUTE PNEUMACONIOSIS FROM OVERWHELMING EXPOS TO SILICA DUST HAS  
OCCURRED. COUGHING, DYSP, WHEEZING, THROAT IRRIT & RPTD NONSPECIFIC  
CHEST ILLNESSES ARE EARLY SYMP. RPTD/PRLNG INHAL OF DUST PARTICLES  
MAYCAUSE SILICOSIS. SYMP MAY INCLUDE PROGRESSIVE DRY COUGH, (EFTS  
OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ CAS

#:14808-60-7. GROUP 2A(IARC), IARC MONOGRAPHS, SUPPLEMENT, VOL 7,  
PAGE 341, 1987.(SUPDAT)

Effects of Overexposure:HLTH HAZ:SHORTNESS OF BRTH & DECR CHEST

EXPANSION. IF NOT TREATED, DISEASE MAY PROGRESS W/MORE SEV SYMP. MAY IRRIT EYES CAUSING REDNESS & PAIN. ING 2:IRRIT. CAN CAUSE NECROSIS OF EYES & SKIN. RPTD CNT CT MAY CAUSE REDNESS, DRYING & CRACKING. MOD TOX W/INGEST & INHAL. INGEST OF LG AMTS MAY CAUSE CORR OF GI TRACT, (ING 6)

Medical Cond Aggravated by Exposure:INHAL MAY INCREASE PROGRESSION OF TUBERCULOSIS; SUSCEPTIBILITY APPARENTLY NOT INCREASED. PERS W/IMPAIRED RESP FUNC MAY BE MORE SUSCEPTIBLE TO EFTS OF SUBSTANCE. SMKNG CAN INCREASE RISK OF LUNG INJURY.

===== First Aid Measures =====

First Aid:EYES:FLUSH EYES THORO W/RUNNING WATER FOR AT LEAST 15 MIN. GET MED ATTN. SKIN:RINSE WELL W/WATER. IF IRRIT OCCURS & PERSISTS, CONTACT MD/LOCAL POIS CTL CTR. INHAL:IF EFTS OCCUR, REMOVE TO FRESH AIR. I F BRTHG DIFFICULT/DISCOMFORT PERSISTS, GET MED ATTN. INGEST: RINSE MOUTH W/WATER. GIVE MILK/WATER TO DILUTE. DO NOT INDUCE VOMITING. CONTACT MD/LOCAL POIS CTL CTR. OTHER:REMOVE CONTAMINATED CLOTHING.

===== Fire Fighting Measures =====

Flash Point:NONFALMMABLE

Extinguishing Media:WATER OR ANY OTHER MEDIA SUITABLE FOR EXTINGUISHING THE SURROUNDING FIRE.

Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. COOL FIRE-EXPOS CONTRS W/WATER SPRAY. SULFUR OXIDES, SODIUM OXIDE, CO & CHLORINE FUMES & OTHER TOX (SUPDAT)

Unusual Fire/Explosion Hazard:DRY PWD RD MATL CAN BUILD STATIC ELEC CHARGES WHEN SUBJECTED TO FRICTION. TO PVNT ACCIDENTS, PROPER PREC SHLD BE TAKEN WHEN USING IN PRESENCE OF FLAM/EXPLO LIQS.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP & CONTAINERIZE FOR SALVAGE/ DISPOSAL. VACUUMING/WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL. SMALL AMOUNTS MAY BE FLUSHED TO SEWER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID RPTD/PRLNG INHAL OF DUST. AVOID UNNEC EXPOS TO MATL. WASH THORO AFTER HNDLG. STORE IN COOL, DRY VENT AREA. INSIDE STORAGE @ 30-120F RECOMMENDED.

Other Precautions:PROTECT AGAINST PHYSICAL DAMAGE. PREVENT DUST SUSPENSION. A PROGRAM OF REGULAR CLEANING, REPAIRING & REPLACING OF WORN- OUT PARTS & CONTAMINATED EQUIPMENT IS HIGHLY DESIRABLE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR NIOSH/MSHA APPROVED DUST RESPIRATOR.

Ventilation:LOCAL EXHAUST PREFERRED TO KEEP EMPLOYEE EXPOS BELOW AIRBORNE EXPOS LIMITS FOR SILICA DUST.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:UNIFORMS, LABCOATS OR COVERALLS.

Work Hygienic Practices:PROVIDE EYE BATH & EMERGENCY SHOWERMEETING ANSI DESIGN CRITERIA . LAUNDR SOILED WORK CLOTHING PRIOR TO REUSE.

Supplemental Safety and Health

PH:11.0 (1% AQ SOLN). EXPLAN OF CARCIN:ANTIC TO BE CARCIN, (NTP), NTP 6TH ANNUAL RPT ON CARCIN, 1991. FIRE FIGHT PROC: COMBUSTION PRODS

MAY BE EVOLVED. MATLS TO AVOID: CMPDS, ACIDS/REDUCING AGENTS. HAZ  
DECOMP PROD: CHLORAMINES MAY BE FORMED IF MIXED W/AMMONIA. AT HIGH  
TEMPS, SILICA COMPONENT CAN CHANGE CRYSTAL (ING 5)

===== Physical/Chemical Properties =====

Spec Gravity: 1.4 (H<sub>2</sub>O=1)  
pH: SUPDAT  
Solubility in Water: MODERATE  
Appearance and Odor: SCENTED WHITE POWDER  
Percent Volatiles by Volume: <1/WT

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES  
AMMONIA, AMINES, AMMONIUM COMPOUNDS, STRONG ALKALIES, HYDROFLUORIC  
ACID, POWERFUL OXIDIZERS, FLUORINE CONTAINING (SUPDAT)  
Stability Condition to Avoid: EXTREME HEAT.  
Hazardous Decomposition Products: SULFUR OXIDES, SODIUM OXIDE, CO & CO<sub>2</sub>,  
CHLORINE FUMES, AMMONIA, NITROGEN TRICHLORIDE, CYANOGEN CHLORIDE.  
(SUPDAT)

===== Disposal Considerations =====

Waste Disposal Methods: CONTAINERIZED WASTE MAY BE DISPOSED OF IN  
APPROVED WASTE FACILITY. PRIOR TO DISPOSAL, NOTIFY LOCAL SEWAGE &  
SOLID WASTE AUTHORITIES TO ENSURE COMPLIANCE W/LOCAL, STATE &  
FEDERAL ENVIRONMENTAL REGULATIONS.

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