

379

### CONSTANT-CLEAN™ LIQUID LAUNDRY DETERGENT

L-3200-04-PK

DATE PREPARED: 01/10/06

DATE REVISED: 04/29/11

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## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION I- IDENTITY AND RESPONSIBLE PARTY INFORMATION



PEN PRODUCTS  
INDIANA DEPARTMENT OF CORRECTION  
2010 E NEW YORK STREET  
INDIANA 46201

HMIS HAZARD RATING	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

24-HOUR EMERGENCY NUMBER - CHEMTREC (800) 424-9300

TOLL FREE:(800) PEN-2550

DIRECT:(317) 955-6800

IDENTITY (AS LISTED ON LABEL): CONSTANT-CLEAN™ LIQUID LAUNDRY DETERGENT  
LAUNDRY PRODUCT

PREPARER: G.F. KITE, PH.D.

### SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME:	CAS NO.:	TLV:	%:
POTASSIUM HYDROXIDE	1310-58-3	2.0 PPM	<5%
PROPRIETARY SURFACTANT BLEND	BLEND	N/A	<5%
WATER	7732-18-5	N/A	Q.S.

THIS PRODUCT CONTAINS NO OSHA, NTP OR IARC LISTED CARCINOGENS.

### SECTION III- HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW:

EYES: LIQUID CAN CAUSE CORNEA BURNS.

SKIN: LIQUID CAN CAUSE BURNS.

INHALATION (RESPIRATORY TRACT): VAPORS MAY BE IRRITATING.

INGESTION(GASTROINTESTINAL TRACT): LIQUID CAN CAUSE BURNSTO MOUTH, THROAT, AND ESOPHAGUS.

CHRONIC (CANCER) EFFECTS: COMPONENTS OF MATERIAL DO NOT CAUSE CANCER.

TERATOLOGY(BIRTH DEFECT) INFORMATION: COMPONENTS DO NOT CAUSE BIRTH DEFECTS.

### SECTION IV -FIRST AID MEASURES

EYES: FLUSH IMMEDIATELY WITH RUNNING WATER FOR 15 MINUTES. SEE A PHYSICIAN.

SKIN: FLUSH WITH WATER. SEE PHYSICAN IF NECESSARY.

INHALATION (RESPIRATORY TRACT): REMOVE TO FRESH AIR. SEE A PHYSICIAN IF NECESSARY

INGESTION(GASTROINTESTINAL TRACT): DILUTE STOMACH CONTENTS WITH WATER, IF

CONSCIOUS. SEE A PHYSICIAN.

### SECTION V- FIRE FIGHTING MEASURES

FLASH POINT: >200°F (NON-FLAMMABLE)

FLAMMABLE LIMITS: NONE

UEL:N/A

LEL:N/A

AUTOIGNITION TEMPERATURE: NONE

EXTINGUISHING MEDIA: MATERIAL WILL NOT BURN.

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE



### SECTION VI- ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS AND LEAKS: SMALL SPILLS SHOULD BE MOPPED UP. LARGE SPILLS SHOULD BE DIKED WITH INERT ABSORBENT. MATERIAL MAY BE PUMPED BACK INTO CONTAINER OR NEUTRALIZED FOR DISPOSAL SEE ALSO SECTION VII.

### SECTION VII- HANDLING AND STORAGE

HANDLING: AVOID CONTACT WITH EYES. AVOID PROLONGED CONTACT WITH SKIN. DO NOT INGEST. KEEP OUT OF REACH OF CHILDREN.  
STORAGE: STORE PRODUCT IN AMBIENT TEMPERATURE. AVOID FREEZING OR HIGH HEAT.

### SECTION VIII- EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:  
EYE PROTECTION: SAFETY GLASSES  
SKIN PROTECTION: NEOPRENE GLOVES  
OTHER PROTECTION CLOTHING OR EQUIPMENT: NONE  
RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. IF NEEDED, SUCH AS IN ENCLOSED AREAS, USE NIOSH APPROVED MASK OR RESPIRATOR TO KEEP CONCENTRATION OF COMPONENTS BELOW THEIR TLV'S.  
VENTILATION: NORMAL ROOM AIR CIRCULATION.  
FOR EXPOSURE CONTROL LEVELS SUCH AS THRESHOLD LIMIT VALUES (TLV's) PLEASE REFER TO SECTION II.

### SECTION IX-PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR : CLEAR LIQUID, MILD ODOR  
VAPOR PRESSURE: N/A      VAPOR DENSITY: <1  
EVAPORATION RATE (BUOAC=1): 0.10      BOILING POINT:>212° F  
SOLUBILITY IN WATER: COMPLETE      SPECIFIC GRAVITY: 1.03  
MELTING POINT: 32° F      PH: 13.5

### SECTION X- STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE  
CONDITIONS TO AVOID: AVOID EXTREMES IN TEMPERATURE.  
INCOMPATIBILITY MATERIALS: STRONG OXIDIZERS, ALKALI  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.



PEN PRODUCTS  
INDIANA DEPT OF CORRECTION

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**SECTION XI- TOXICOLOGY INFORMATION**

TO OBTAIN TOXICITY DATA (E.G., LD50, LC50) FOR THE INGREDIENTS LISTED IN SECTION II.

**SECTION XII- ECOLOGICAL INFORMATION**

CONSTANT-CLEAN LIQUID LAUNDRY DETERGENT IS FULLY BIODEGRADABLE.

**SECTION XIII- DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, COUNTY, AND FEDERAL LAWS.

**SECTION XIV- TRANSPORT INFORMATION**

DOT SHIPPING NAME: COMPOUND, CLEANING, LIQUID, (POTASSIUM HYDROXIDE)  
HAZARD CLASS: 8      ID NO.: UN1760      PACKING GROUP: II

**SECTION XV- REGULATORY INFORMATION**

ALL INGREDIENTS IN CONSTANT-CLEAN LIQUID LAUNDRY DETERGENT ARE LISTED ON THE TSCA INVENTORY.

**SECTION XVI- OTHER INFORMATION**

THE DATA IN THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THIS INFORMATION IS BASED UPON TECHNICAL DATA WE BELIEVE IS RELIABLE. BECAUSE ACTUAL CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE AND WE ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. EVERY EFFORT HAS BEEN MADE TO ACCURATELY ASSESS THE POSSIBLE HAZARD ASSOCIATED WITH THIS PRODUCT. WE BELIEVE THAT THE ACTUAL HAZARDS ENCOUNTERED USING OUR PRODUCTS ARE LESS SEVERE THAN THOSE REPRESENTED BY THE CONCENTRATED RAW MATERIALS USED TO MAKE THEM.