

NFPA RATING
0 = none to
4 = hazardous rating



HANDS-ON DISH DETERGENT

W-1020-B/C/D/P

DATE PREPARED: 09/21/02

DATE REVISED: 01/03/11

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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	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

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

COMMON NAME: INDUSTRIAL LIQUID DISHWASHING DETERGENT

IDENTITY (AS LISTED ON LABEL): HANDS-ON DISHWASHER DETERGENT
WAREWASH PRODUCT

INFORMATION TELEPHONE NO.: (317) 955-6800

PREPARER: G.F. KITE, PH.D

CHEMICAL NAME: NA
SUPPLIER'S GENERIC NAME: NA
SYNONYMS: NA
HAZARD CLASS: DOES NOT APPLY
OTHER IDENTIFYING DATA: PINK OPAQUE LOTION
GENERAL INFORMATION: FOR COMMERCIAL USE- KEEP OUT REACH OF
CHILDREN CONTAINS NO SARA 313 REPORTABLE CHEMICAL

SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME: CAS NO.: TLV: %:

THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS

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

SECTION III- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

EYES: LIQUID CAN CAUSE IRRITATION.

SKIN: LIQUID CAN CAUSE IRRITATION.

INHALATION (RESPIRATORY TRACT): VAPORS MAY BE IRRITATING.

INGESTION (GASTROINTESTINAL): LIQUID CAN BE AN IRRITATION TO 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 FIFTEEN MINUTES.

SEE A PHYSICIAN

SKIN: FLUSH WITH WATER. SEE A PHYSICIAN 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 (NONFLAMMABLE)

FLAMMABLE LIMITS: NONE

UEL: NOT APPLICABLE

LEL: NOT APPLICABLE

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 INSERT ABSORBENT. MATERIAL MAY BE

PUMPED BACK INTO CONTAINER OR NEUTRALIZED FOR DISPOSAL. SEE 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 PROTECTIVE 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: PINK OPAQUE LIQUID, MILD ODOR.

VAPOR PRESSURE: ND

VAPOR DENSITY:>1

EVAPORATION RATE(Bu0ac=1): 0.10

BOILING POINT: >212°F

SOLUBILITY IN WATER: COMPLETE.

SPECIFIC GRAVITY: 1.03

MELTING POINT: 32° F

PH: 7.5

SECTION X- STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE

CONDITIONS TO AVOID: AVOID EXTREMES IN TEMPERATURE.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZER, ALKALI.

HAZARDOUS DECOMPOSITION OF BYPRODUCTS: 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 2.

SECTION XII- ECOLOGICAL INFORMATION

HANDS-ON DISHWASHER DETERGENT IS FULLY BIODEGRADABLE.

SECTION XIII- DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISPOSE OF 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: N/A

ID NO.:N/A

PACKING GROUP: N/A

SECTION XV- REGULATORY INFORMATION

ALL INGREDIENTS IN HANDS-ON DISHWASHER 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
D
TO MAKE THEM.