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# LIQUID DISHWASH

CONCENTRATE

## DESCRIPTION:

This lotion dishwashing detergent is specifically designed for industrial, institutional, and restaurant use where fast grease emulsification and lasting suds are a must. Ideal for cleaning heavily encrusted pots & pans. Mountains of hard-working suds penetrate grease and food deposits. All pots, pans, glassware & china are left spot-free and film-free. This product contains only the finest anionic and nonionic surfactants. Although tough on grease and fat, this lotion dishwash is easy on the hands. This dishwash is also an excellent fine fabric detergent for washing synthetics such as rayon, silk, orlon, nylon & dacron.

## USES/BENEFITS

- GLASSES -CHINA -SILVERWARE -POTS & PANS -100% BIODEGRADABLE
- PLEASANTLY SCENTED -EMULSIFIES GREASE, FAT & OIL
- RINSES FREELY, NEVER STREAKS -RICH, STABLE SUDS -NEUTRAL ph
- EASY ON HANDS -ALSO MAKES AN EXCELLENT ALL PURPOSE CLEANER

## DIRECTIONS FOR USE:

Use 1 ounce per gallon of water. Allow to soak a few minutes. Hot water works better than cold. More or less Liquid Dishwash may be used depending on amount of soil present.

## CAUTION:

**KEEP OUT OF THE REACH OF CHILDREN**

**Only for sale to, use and storage by Service Personnel.**

For best product efficiency keep stock rotated.

Shelf life is 1 year.

Judgments as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use

## 1. IDENTIFICATION

**PRODUCT NAME:** LIQUID DISHWASH  
**RECOMMENDED USE:** MANUAL DISHWASH  
**RESTRICTIONS ON USE:** DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.  
**LABEL BRAND:** IPI LIQUID DISHWASH

**IOWA PRISON INDUSTRIES** 420 MILL ST SW MITCHELLVILLE, IA 50169  
 PRODUCT INFORMATION: (515) 967-7651 (8 A.M. TO 3 P.M. CST MONDAY TO FRIDAY)  
 INTERNET ADDRESS: iaprisoinind.com

## 2. HAZARD(S) IDENTIFICATION

**CLASSIFICATION:** NOT OSHA HAZARDOUS

### LABEL ELEMENTS

**SIGNAL WORD:** NONE  
**PICTOGRAMS:** NONE  
**HAZARD STATEMENTS:** NONE  
**PRECAUTIONARY STATEMENTS:** NONE  
**FIRST AID:** NONE REQUIRED BY OSHA.

### SUPPLEMENTAL INFORMATION:

May be mildly irritating to eyes. In case of contact, flush with plenty of water. If irritation occurs and persists, get medical attention.

**EMERGENCY TELEPHONE:** 1-866-923-4913

**KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

**HAZARDS NOT OTHERWISE CLASSIFIED:** Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	WEIGHT %
NONE N.AP. N.AP. <b>STATE RIGHT TO KNOW:</b> SEE SECTION 15 FOR STATE RTK CHEMICAL NAMES IN MIXTURE.		

## 4. FIRST-AID MEASURES

**IF IN EYES:** FLUSH WITH PLENTY OF WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION  
**IF ON SKIN:** FLUSH WITH PLENTY OF WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION.  
**IF SWALLOWED:** IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR WATER AS TOLERATED.  
**IF INHALED:** NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.

**EMERGENCY TELEPHONE:** 1-866-923-4913

**MOST IMPORTANT SYMPTOMS / EFFECTS:** MAY BE MILDLY IRRITATING TO EYES.

**MEDICAL CONDITIONS AGGRAVATED:** NONE KNOWN.

**NOTE TO PHYSICIAN:** CALL 1-866-923-4913 FOR EXPOSURE MANAGEMENT ASSISTANCE.

## 5. FIRE-FIGHTING MEASURES

**CHEMICAL HAZARDS:** NON-FLAMMABLE.

**COMBUSTION PRODUCT HAZARDS:** OXIDES OF CARBON, SULFUR + OTHER FUMES.

**METHODS:** SELECT EXTINGUISHER AND METHODS BASED ON FIRE SIZE AND TYPE.

**EQUIPMENT:** WEAR SCBA AND FULL PROTECTIVE GEAR AS CONDITIONS WARRANT.

**NFPA RATING:** HEALTH-1/FLAMMABILITY-0/ INSTABILITY-0/SPECIAL HAZARD-N.AP.

**SUITABLE EXTINGUISHERS:** WATER, DRY CHEMICAL, CO2 OR FOAM SUITABLE FOR FIRE.

**UNSUITABLE EXTINGUISHERS:** NO RESTRICTIONS BASED ON CHEMICAL HAZARDS.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** KEEP PEOPLE OUT OF AREA. WEAR RUBBER BOOTS. BE CAREFUL NOT TO SLIP. WASH THOROUGHLY AFTER CLEAN-UP.

**ENVIRONMENTAL PRECAUTIONS:** PREVENT SPILL FROM ENTERING DRAIN, STORM SEWER OR SURFACE WATERWAY. PREVENT WATER AND SOIL CONTAMINATION.

**CLEAN-UP METHODS:** SMALL SPILLS MAY BE WIPED UP AND RINSED WITH WATER FOR LARGER SPILLS, DIKE TO CONTAIN. PUMP TO LABELED CONTAINER OR ABSORB SPILLAGE AND SCOOP UP WITH INERT ABSORBENT MATERIAL. AFTER SPILL COLLECTION, RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.

## 7. HANDLING AND STORAGE

**HANDLING:** FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID CONTACT WITH EYES. DO NOT TASTE OR SWALLOW. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

**STORAGE:** KEEP CONTAINER CLOSED WHEN NOT IN USE. STORAGE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT. PROTECT FROM FREEZING. ROTATE STOCK REGULARLY. KEEP AWAY FROM FOOD AND DRINK. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE LIMITS:** NONE

**ENGINEERING CONTROLS:** NONE REQUIRED. GENERAL ROOM VENTILATION IS ADEQUATE.

### PERSONAL PROTECTION

**EYES:** NONE REQUIRED WITH NORMAL USE.

**HANDS:** NONE REQUIRED WITH NORMAL USE.

**RESPIRATORY:** N.AP. **FEET:** N.AP.

**BODY:** N.AP.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** AMBER LIQUID  
**ODOR:** LEMON  
**pH CONCENTRATE:** 7.3  
**pH @ 2500 PPM SOLUTION:** N.AV.  
**pH @ USE DILUTION:** N.AV.  
**PHYSICAL STATE:** LIQUID  
**RELATIVE DENSITY (WATER):** 1.020  
**SOLUBILITY (WATER):** COMPLETE  
**VAPOR PRESSURE:** N.AV.  
**VAPOR DENSITY:** N. AV.  
**.VISCOSITY:** VISCOUS

**AUTO-IGNITION TEMPERATURE:** N.AV.  
**DECOMPOSITION TEMPERATURE:** N.AV.  
**EXPLOSIVE LIMITS (LEL/UEL):** NONE  
**EVAPORATION RATE:** N.AV.  
**FLAMMABILITY (SOLID, GAS):** N.AP.  
**FLASH POINT:** NONE  
**INITIAL BOILING POINT/RANGE:** N.AV.  
**MELTING POINT/FREEZING POINT:** N.AV.  
**ODOR THRESHOLD:** N.AV.  
**PARTITION COEFF. (N-OCTANOL/WATER):** N.AV  
**OTHER:** N.AV.

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** NO HAZARD.  
**CHEMICAL STABILITY:** STABLE.  
**POSSIBILITY OF HAZARDOUS REACTIONS:** NONE KNOWN. WILL NOT POLYMERIZE.  
**CONDITIONS TO AVOID:** TEMPERATURES BELOW 35°F (1.6°C) OR ABOVE 120°F (49°C).  
**MATERIALS TO AVOID:** DIRECT MIXING WITH OTHER CHEMICALS. MIX ONLY WITH WATER.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE UNDER NORMAL CONDITIONS.

## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF EXPOSURE:** EYES, SKIN, INGESTION, INHALATION.  
**INFORMATION ON ROUTES OF EXPOSURE:** NO LC50/LD50 TEST DATA FOR MIXTURE.  
**ACUTE EFFECTS/SYMPTOMS**  
**EYES:** MAY BE MILDLY IRRITATING TO EYES. MAY CAUSE REDNESS AND WATERING.  
**SKIN:** MAY BE MILDLY IRRITATING TO SENSITIVE SKIN.  
**INGESTION:** MAY CAUSE IRRITATION, NAUSEA, VOMITING AND DIARRHEA.  
**INHALATION:** NONE KNOWN.  
**CHRONIC / OTHER EFFECTS:** NO REPORTABLE GERM CELL MUTAGENS, SKIN SENSITIZERS, RESPIRATORY SENSITIZERS, REPRODUCTIVE TOXINS OR ASPIRATION HAZARDS.  
**SPECIFIC TARGET ORGANS (SINGLE/REPEATED):** NONE KNOWN.  
**NUMERICAL MEASURES OF TOXICITY:** ATE<sub>mix</sub> (ORAL-RAT) = >5000 MG / KG  
**CARCINOGENS:** NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY / CHEMICAL FATE:** NOT AVAILABLE

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** DISPOSE OF CONTENTS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL APPLICABLE LAWS AND REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. MANAGE CHEMICAL WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY. DO NOT REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE.

## 14. TRANSPORT INFORMATION

**DOT / IMDG / IATA / TDG:** NOT REGULATED

## 15. REGULATORY INFORMATION

**EPA CERCLA RQ:** NO  
**EPA REGISTERED:** NO  
**OSHA HAZARDOUS:** NO  
**PHOSPHORUS CONTENT:** 0.00%  
**PROPOSITION 65:** NO  
**SARA 311/312 HAZARDS:** NO  
**SARA 313 CHEMICALS:** NO  
**STATE RIGHT TO KNOW:** WATER/7732-18-5, SODIUM DODECYLBENZENESULFONATE/25155-30-0, SODIUM LAURETH SULFATE/9004-82-4 **TSCA**  
**INVENTORY STATUS:** ALL COMPONENTS ARE LISTED ON THE INVENTORY.  
**VOC:** 0.45% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

## 16. OTHER INFORMATION

**PREPARATION DATE:** 2-14-14  
**PREPARED BY:** RC (US CHEMICAL), CS (IPI)  
**REVISED SECTION:** 16  
**ABBREVIATIONS:** N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE

### NOTICE TO READER

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