

MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable)

N/E (Not Established)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: LIQUID LAUNDRY DETERGENT

CHEMICAL FAMILY: AN AQUEOUS SOLUTION OF SURFACTANTS AND ALCOHOL.

DOT SHIPPING NAME:

NOT REGULATED

N/A NONE

TECHNICAL NAME: NOT REGULATED

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

	%	TLV (UNITS)
CATIONIC SURFACTANT PROPRIETARY	<5%	N/E
Nonionic surfactant 68410-69-5	<20%	N/E

ISOPROPYL ALCOHOL 67-63-0 <10% 400 PPM

CARCINOGENS: NONE SUSPECTED.

TSCA: ALL COMPONENTS LISTED.

VOC compliant when used as directed and proper

dilution ratios.

*SARA TITLE III, SECTION 313 LISTED

SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD USED): NONFLAMMABLE

UPPER EXPLOSIVE LIMIT: N/E LOWER EXPLOSIVE LIMIT: N/E

EXTINGUISHING MEDIA: Use appropriate extinguishing media for the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and full protective clothing (bunker gear) should be worn when fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSING HAZARDS: N/E

SECTION VI - FIRST AID & HEALTH HAZARD DATA

FIRST AID

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids apart. Washing eyes within one minute is essential. Seek immediate medical attention.

SKIN: Wash with plenty of water for 15 minutes. Remove contaminated clothing. Seek medical attention if irritation develops or persists.

INGESTION: Give milk or water to dilute. Induce vomiting. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!!!

INHALATION: Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

EFFECTS OF OVEREXPOSURE

(Primary Route of Entry)

N/E

EYES: MAY CAUSE SLIGHT IRRITATION.
SKIN: N/A
INGESTION: NAUSEA, VOMITING. DISCOMFORT, DIARRHEA.
INHALATION: N/E

SECTION V - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Use sound industrial hygiene practices. Keep container closed when not in use. Wash after handling. Do not eat, drink or smoke around this or any other chemicals. Read labels and material safety data sheets before using. Store container in a dry, cool area.

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH _____ 1
FLAMMABILITY _____ 0
REACTIVITY _____ 0
PERSONAL PROTECTION _____ X

HAZARD RATING

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

SECTION III - PHYSICAL DATA

PHYSICAL DESCRIPTION:

BLUE SEMIVISCOUS
LIQUID, FLORAL SCENT

BOILING POINT (F): >200 F

VAPOR PRESSURE: N/E

% VOLATILE: 4.2%

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: 0.999

EVAPORATION RATE: N/E

pH: 9.5

SECTION VII - REACTIVITY DATA

STABILITY: UNSTABLE _ STABLE X

INCOMPATIBILITY (Materials to Avoid):

STRONG ACIDS AND OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

NONE KNOWN

HAZARDOUS POLYMERIZATION: NO

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear necessary personal protective equipment.
Evacuate all unnecessary and untrained personnel.
Dike area to prevent spreading of materials. Cover drains.
Cover spill with an inert material (clay, sand) and collect into appropriate containers.
Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINERS DISPOSAL:

Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

SECTION IX - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION NONE NORMALLY NEEDED.

PROTECTIVE GLOVES..... NONE

EYE PROTECTION..... SAFETY GLASSES ARE ALWAYS RECOMMENDED

VENTILATION..... ROOM VENTILATION IS NORMALLY NEEDED.

OTHER PROTECTIVE EQUIPMENT.. Eyewash and emergency shower should be located in the working area.

Contact Information:

Warsaw Chemical CO. INC.
P.O. BOX 858 • Warsaw, Indiana 46581

ORDERS: 800-548-3396 • PHONE: 574-267-3251 • FAX: 574-267-3884
www.warsaw-chem.com

Emergency Phone: 800-535-5053 INFOTRAC