

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Laundry Choice Enzyme Detergent
 PRODUCT USE: Detergent
 MANUFACTURED FOR: Warsaw Chemical Holdings LLC.
 P.O. Box 858
 Warsaw, IN 46581
 INFORMATION PHONE: Tel: 1-800-548-3396
 Fax: 1-574-267-3884
 EMERGENCY PHONE: INFOTRAC
 1-800-535-5053 USA & Canada
 352-323-3500 International

SECTION 2 - HAZARD(S) IDENTIFICATION

CLASSIFICATION: Eye Damage: Category 2B

PICTOGRAMS:

GHS ELEMENTS:

SIGNAL WORD: Warning

HAZARD STATEMENT(S): H320 | Causes eye irritation.

PRECAUTIONARY STATEMENT(S): P264 | Wash any exposed body parts thoroughly after handling.
 P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 | If eye irritation persists: Get medical advice/attention.

ADDITIONAL PRECAUTIONS: None Known

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	FUNCTIONAL PURPOSE	PERCENT
Sodium Laureth Sulfate	9004-82-4	Surfactant	20 - 30%
Alkylbenzene sulfonic Acid	68584-22-5	Surfactant	5 - 10%
Glycol Ether	25498-49-1	Solvent	1 - 5%
Enzymatic concentrate	Not Available	Odor Control	1 - 5%
Sodium Tetraborate decahydrate	1303-96-4	Alkaline Builder	1 - 5%
Sodium Hydroxide 50%	1310-73-2	pH Adjustment	1 - 5%
Fragrance	Not Available	Fragrance	< 1.0%
Lemon Yellow 316	not available	Colorant	< 1.0%
Acid Blue 145	Not Available	Colorant	< 1.0%

The chemical identity of some or all components is confidential business information (trade secret) and is being withheld as permitted by 29CFR19191200 (i). No other ingredients known to be hazardous.

SECTION 4 - FIRST AID MEASURES

EYES:	Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN:	Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.
INHALATION:	Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.
INGESTION:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
GENERAL:	Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY:	In a fire or if heated, a pressure increase will occur and the container may burst.
EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
PROTECTIVE EQUIPMENT:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
ADDITIONAL INFORMATION:	Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breathe vapors. Provide adequate ventilation. Wear proper personal protective equipment.
ENVIRONMENTAL:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.
CONTAINMENT/CLEANUP:	Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for emergency contact information and 13 for waste disposal.

SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING: Wear appropriate personal protective equipment (see Section 8). Eating drinking and smoking should be prohibited. Do not get into eyes or on skin. Do not ingest. Keep containers tightly closed. Do not reuse container.

SAFE STORAGE: Store in accordance with local regulations. Store in original container away from foods, drink and incompatible materials. Keep container tightly closed. Do not store unlabeled. Use appropriate containment.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eye-wash stations, showers where necessary.

EYE PROTECTION: Safety eye-wear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

RESPIRATORY PROTECTION: Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.

HAND PROTECTION: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

SKIN PROTECTION: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

COMPONENT:	ACGIH TWA ppm	OSHA/NIOSH STEL ppm	OSHA/ACGIH STEL mg/m3
Sodium Laureth Sulfate	None	None	15.00
Alkylbenzene sulfonic Acid	None	None	0.20
Glycol Ether	None	None	None
Enzymatic concentrate	None	None	None
Sodium Tetraborate decahydrate	5.00	None	None
Sodium Hydroxide 50%	2.00	None	None
Fragrance	None	None	None
Lemon Yellow 316	None	None	None
Acid Blue 145	None	None	None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	UPPER EXPLOSIVE LIMITS:	NA
COLOR:	Green	LOWER EXPLOSIVE LIMITS:	NA
ODOR:	Lemon	VAPOR PRESSURE:	NA
ODOR THRESHOLD:	NA	VAPOR DENSITY:	NA
PH:	NA	RELATIVE DENSITY:	NA

Oral LD50: Rat 3500 mg/kg
Dermal LD50: 15,400mg/kg, Rabbit

Sodium Tetraborate decahydrate (CAS No. 1303-96-4)
Oral LD50: 6000mg/kg rat

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.
PERSISTENCE & DEGRADABILITY: No data available.
BIOACCUMULATIVE POTENTIAL: No data available.
MOBILITY IN SOIL: No data available.
OTHER ADVERSE EFFECTS: No data available.

Sodium Laureth Sulfate (CAS No. 9004-82-4)

Crustacean LC50: Daphnia >1.0 mg/L 96h
Alkylbenzene sulfonic Acid (CAS No. 68584-22-5)
Fish LC50: greater than 1000mg/L
Crustacean LC50: greater than 1000mg/L daphnia
Glycol Ether (CAS No. 25498-49-1)
Fish LC50: Minnow 11619 mg/L 96h
Sodium Tetraborate decahydrate (CAS No. 1303-96-4)
Fish LC50: 88mg/L 21days
Crustacean LC50: 242 mg/L 24hrs
Sodium Hydroxide 50% (CAS No. 1310-73-2)
Fish LC50: 144mg/L, 96H guppy

SECTION 13 - DISPOSAL CONSIDERATION

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of the product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 - TRANSPORT INFORMATION

DOT (US)

UN NUMBER: NA
SHIPPING NAME: NA
TECHNICAL NAME: NA
HAZARD CLASS: NA
PACKAGING GROUP: NA



Safety Data Sheet
Laundry Choice Enzyme Detergent

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suitability of any product for its own particular purpose. All materials may represent unknown hazards and should be used with caution.