

MATERIAL SAFETY DATA SHEET

LIFE INDUSTRIES CORPORATION

MSDS NO: 0124
STOCK #: 1138

DATE: 06/24/05
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LIVE WELL & BAIT WELL CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Live Well & Bait Well Cleaner
BOAT LIFE STOCK #: 1138
GENERAL USE: Cleans and deodorizes live and bait wells.

MANUFACTURER

LIFE INDUSTRIES CORPORATION
2081 BRIDGEVIEW DRIVE
CHARLESTON, SC 29405

24 HOUR EMERGENCY (USA): 1-800-424-9300
24 HOUR EMERGENCY (OUTSIDE USA): 1-703-527-3887
ALL OTHERS: 1-800-262-8200

2. OSHA HAZARDOUS COMPONENTS

Principle Hazardous Components	%	Threshold
Butyl cellosolve (111-76-2)	less than 1.0%	50ppm(v)/OSHA-PEL
Surfactants (9036-19-5)	less than 6.0%	None Listed

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Follow first aid measures.
Avoid oxidizing agents.

POTENTIAL HEALTH EFFECTS: Causes irritation.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Seek medical attention.

SKIN: Wash with plenty of soap and water. If irritation occurs and persists, consult a physician.

INGESTION: Do not induce vomiting. **IMMEDIATELY** seek a physician.

INHALATION: Remove victim to fresh air. If breathing difficulty or discomfort occurs and persists, seek medical attention.

NOTES TO MEDICAL DOCTOR: Moderate skin or eye irritation. Product can release carbonates.

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5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: N/D

EXTINGUISHING MEDIA: Foam, CO₂, dry chemical.

FIRE/EXPLOSION HAZARDS: None expected

AUTOIGNITION TEMPERATURE: N/D

PROPERTIES CONTRIBUTING TO FLAMMABILITY: Excessive heat/open flames

SENSITIVITY TO STATIC DISCHARGE: N/D

SENSITIVITY TO IMPACT: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: Confine spill with noncombustible absorbent such as vermiculite. Avoid sparks. Use proper hazmat storage container. If required notify local agencies and EPA.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes by using personal protective equipment (PPE) and proper care when handling.

STORAGE: Store in a cool, dry area in original containers.

COMMENTS: Avoid contact with oxidizing agents.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

<u>Chemical Name</u>	<u>TWA (ACGIH)</u>	<u>STEL/Ceiling (ACGIH)</u>	<u>PEL (OSHA)</u>	<u>STEL/Ceiling (OSHA)</u>
Butyl cellosolve	20ppm(v)	40ppm	50ppm	N/E
Surfactants	N/D	N/D	N/D	N/D

ENGINEERING CONTROLS: Local/mechanical exhaust

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYES AND FACE: Chemical goggles

RESPIRATORY: Generally not needed; use NOISH approved if necessary

PROTECTIVE CLOTHING: PVC or Rubber gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Fruit odor

APPEARANCE: Blue opaque liquid.

PH: approx 7.8-8.6

PERCENT VOLATILE: Less Than 85%

VAPOR PRESSURE: 2.1mmHg

VAPOR DENSITY: Heavier than air.

BOILING POINT: N/E

MELTING POINT: N/A

SOLUBILITY IN WATER: Miscible

EVAPORATION RATE: About equal to water

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SPECIFIC GRAVITY: approx.1.01

COEFFICIENT OIL/WATER: N/A

ODOR THRESHOLD: N/A

OXIDIZING PROPERTIES: None

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat/open flames .

STABILITY: Stable.

POLYMERIZATION: None anticipated.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

IMCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritation on contact

SKIN EFFECTS: Irritation; dermatitis with prolonged/repeated contact.

ORAL: Tests on similar materials indicate an order of acute oral toxicity.

INHALATION: Respiratory irritant.

TARGET ORGANS: Kidneys.

ACUTE EFFECTS FROM OVEREXPOSURE: Not determined

CHRONIC EFFECTS FROM OVEREXPOSURE: Not determined

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CARCINOGENICITY:

IARC: Not listed

NTP: Not listed

OSHA : Not listed

OTHER: ACGIH:N/D

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not determined

CHEMICAL FATE INFORMATION: Not determined

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of material in accordance to local, state, and federal law.
Follow all maritime regulations and international guidelines.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME: N/A

PRIMARY HAZARD CLASS/DIVISION : N/A

UN/NA NUMBER: N/A

PACKING GROUP: N/A

PLACARDS: N/A

LABEL: N/A

OTHER SHIPPING INFORMATION:

DOT Marking: N/A

Hazardous Substance/RQ: N/A

49 STCC Number: N/A

Special shipping information: none

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15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SECTION 311 HAZARD CATEGORY (40 CFR 370): N/A

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370): N/A

SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372): N/A

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT) 1-800-424-8802

CERCLA REGULATORY (40 CFR 302.4): None subject to reporting requirements.

TSCA STATUS (40 CFR 710): Components listed

RCRA STATUS: If "used", RCRA status must be determined-do not flush to drain/sewer

WHMIS

(WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM)

HEALTH=2 FIRE=1 REACTIVITY=0 PPE=C

SPECIAL SHIPPING NOTES:

European Information:

Xi, Xn

R36,38,41

S2, 24, 25, 26

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16. OTHER INFORMATION

Signature: _____

REVISION SUMMARY

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN.