

SAFETY DATA SHEETS

This SDS packet was issued with item:

078024638

N/A

----- MATERIAL SAFETY DATA SHEET -----
LIVE DEAD SEMEN STAIN
Jorgensen

IDENTIFICATION

PRODUCT NAME: Live Dead Semen Stain
DATE: November 1992
DISTRIBUTOR: JORGENSEN LABORATORIES, INC.
1450 N. VAN BUREN AVE.
LOVELAND, CO 80538
PRODUCT INFORMATION & EMERGENCY PHONE: (800) 535-5053
FAX: (303) 663-5042

INGREDIENTS

Eosin
Nigrosin
Stabilizers

PRECAUTIONARY MEASURES

As part of good industrial and personal hygiene and safety
procedure, avoid all unnecessary exposure to the chemical
substance and ensure prompt removal from skin, eyes and
clothing (will stain skin & clothing).
DOT HAZARD CLASS: Not regulated.

EMERGENCY/FIRST AID

See First Aid Procedures under HEALTH HAZARD DATA.

PHYSICAL DATA

APPEARANCE: Dark liquid.
ODOR: None
SOLUBILITY IN WATER: Soluble
BOILING POINT: No information found.
MELTING POINT:: No information found.
SPECIFIC GRAVITY: No information found.
VAPOR DENSITY (air = 1): No information found.
VAPOR PRESSURE (mm Hg): No information found.
EVAPORATION RATE (butyl acetate = 1): No information found.
PERCENT VOLATILE BY VOLUME (%): No information found.

FIRE & EXPLOSION DATA

FLASH POINT: Noncombustible
FIRE & EXPLOSION: Not considered to be a fire or explosion
hazard.
FIRE EXTINGUISHING MEDIA: Use any means suitable for
extinguishing surrounding fire.
SPECIAL INFORMATION: In the event of a fire, use protective
clothing and breathing equipment appropriate for the
surrounding fire.

REACTIVITY DATA

STABILITY: Stable under ordinary conditions of use and storage.
HAZARDOUS DECOMPOSITION: May emit toxic fumes of carbon monoxide and/or carbon dioxide, nitrogen oxides, sulfur oxides and hydrogen bromide gas.
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITIES: Strong oxidizing agents.

HEALTH HAZARD DATA

EXPOSURE/HEALTH EFFECTS:

INHALATION: No special precautions required.
INGESTION: May be toxic when taken internally. May cause gastro-intestinal upset.
SKIN CONTACT: May cause irritation.
EYE CONTACT: May cause irritation.

FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.
INGESTION: Wash mouth out with water provided the person is conscious. Get medical advice.
SKIN EXPOSURE: Wash exposed area with soap and water. Get medical advice if irritation develops.
EYE EXPOSURE: Wash eyes with plenty of water for at least 15 minutes. If irritation develops, get medical attention.

PRECAUTIONS FOR SAFE HANDLING AND USE

LEAK/SPILL DISPOSAL INFORMATION: Small quantities may be disposed of in the sewer. Large quantities should be disposed of according to local requirements for non-hazardous material.

WASTE DISPOSAL: Ensure compliance with local, state and federal regulations.

HANDLING & STORAGE: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

OCCUPATIONAL CONTROL MEASURES

AIRBORNE EXPOSURE LIMITS: None established.

VENTILATION: In general, dilution ventilation is a satisfactory health hazard control for this substance.

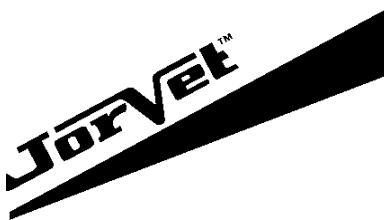
SKIN PROTECTION: Wear protective gloves and clean body-covering clothing.

EYE PROTECTION: Use chemical safety goggles. Maintain eye wash fountain and quick drench facilities in work area.

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APPROVED BY: Jorgensen Laboratories, Inc.
REPRESENTING: Jorgensen Laboratories, Inc.
DATE: 04/04/96 COMPAS Code: 13100130

**SDS**

Safety Data Sheet

1. IDENTIFICATION

Product Identifier: Dead / Live Semen Stain

Product Code(s): J0326S

Synonyms: Spermatazoa Stain

Recommended Use: For invitro veterinary use only.

Uses Advised Against: Not for use on humans.

Supplier: Jorgensen Laboratories
1450 Van Buren Avenue, Loveland, CO 80538
Phone: (970) 669-2500 or (800) 525-5614 Fax: (970) 663-5042

Emergency Phone Number: U.S. and Canada: (800) 535-5053 International: (352) 323-3500 (INFOTRAC)

2. HAZARDS IDENTIFICATION

Hazard Classifications: This product is classified as not hazardous under OSHA's Hazard Communication Standard, 29 CFR 1910.1200 (HCS) and the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS). However, all chemicals handled and used in the workplace should be treated with caution.

Signal Word: Not applicable.

Hazard Statements: Not applicable.

Pictograms: Not applicable.

Precautionary Statements:

Prevention: Not applicable.

Response: Not applicable.

Storage: Not applicable.

Disposal: Not applicable.

Hazards Not Otherwise Classified: Not applicable.

Toxicity Statement: This product contains >1% ingredients whose acute toxicity is unknown.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Component | Common Name / Synonyms | CAS# | Chemical Formula | % by Weight |
|--------------------------|------------------------|-----------|------------------|-------------|
| Water | Water | 7732-18-5 | H ₂ O | > 91 |
| Nonhazardous ingredients | N/A | N/A | N/A | < 9.0 |

Trade Secret Statement:

The identifiers and concentrations of the "nonhazardous ingredients" have been withheld under a trade secret. These components are either nonhazardous or are present at sufficiently low concentrations such that they do not affect the hazard classification of this product.

4. FIRST AID MEASURES

First Aid Procedures:

- Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician immediately if you feel unwell or are concerned.
- Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head low so that vomit does not enter lungs. Never give anything by mouth to an unconscious person. Call a physician immediately if you feel unwell or are concerned.
- Skin Contact:** Remove contaminated clothing and shoes. Wash skin with plenty of water for at least 15 minutes. Wash clothing before reuse. Call a physician immediately if you feel unwell or are concerned.
- Eye Contact:** Check for and remove contact lenses if present and easy to do. Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately if you feel unwell or are concerned.
- General Advice:** Ensure that medical personnel and those providing first aid are aware of the material(s) involved and take precautions to protect themselves.
- Symptoms and Effects:** May cause irritation to eyes, skin, respiratory tract, and gastrointestinal tract. Ingestion may cause nausea, vomiting, diarrhea, and abdominal pain.
- Immediate Medical Care/
Special Treatment:** If you feel unwell or are concerned, call a physician or poison control center immediately. Treat symptomatically.

5. FIREFIGHTING MEASURES

- Suitable Extinguishing Media:** Water spray, dry powder, alcohol resistant foam, carbon dioxide.
- Unsuitable Extinguishing Media:** Do not use a solid (straight) water stream, as it may scatter and spread fire.
- Hazardous Combustion Products:** Carbon oxides, nitrogen oxides, sulfur oxides, sodium oxides, toxic fumes.
- Specific Hazards:** Excessive thermal conditions may cause decomposition and yield hazardous decomposition products listed above.
- Special Protective Equipment/
Precautions for Firefighters:** As in any fire, wear MSHA/NIOSH-approved (or equivalent), self-contained, positive-pressure or pressure-demand breathing apparatus and full protective gear. In the event of fire and/or explosion, do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Personal Precautions and Protective Equipment: | Isolate hazard area and keep unnecessary and unprotected personnel away from the area of the leak or spill. Wear appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin, and clothing. |
| Emergency Procedures: | In case of chemical emergency, or if unsure how to address an accidental release, consult a professional (see Section 1). |
| Methods for Containment: | Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements, or confined areas. Dike the spilled material, where this is possible. Product should not be released to the environment. Contain and recover liquid when possible. |
| Methods for Cleanup: | Absorb spill with an inert material (e.g. vermiculite, dry sand, earth, cloth, or fleece) and place in a noncombustible container for reclamation or disposal. Do not flush to sewer. Clean contaminated surface thoroughly. Residue from spills can be dissolved with alcohol or acetone solution. Never return spills in original containers for reuse. Clean up in accordance with all applicable regulations. |

7. HANDLING AND STORAGE

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|------------------|--|
| Handling: | Avoid contact with skin, eyes, and clothing. Do not breathe vapors or spray mist. Do not ingest. When using, do not eat, drink, or smoke. Keep away from incompatible materials (see Section 10). Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Containers of this material may be hazardous when empty, as they retain product residues. Observe all warnings and precautions listed for this product. |
| Storage: | Refrigerate after opening. Store away from incompatible materials (see Section 10). Store in original container. Keep containers tightly closed and upright. Keep away from food, drink, and animal foodstuffs. Keep out of the reach of children. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of this product. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | | |
|--------------------------------------|---|--|
| Exposure Limits: | Water: | No information found. |
| | Nonhazardous ingredients: | No information found. |
| Engineering Controls: | Ensure adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. | |
| Personal Protective Measures: | | |
| | Eye/Face Protection: | Wear safety glasses with side shields or safety goggles. Maintain approved eye wash station and accessible rinse facilities in work area. |
| | Skin Protection: | Wear appropriate chemical resistant clothing (with long sleeves) and appropriate chemical resistant gloves. |
| | Respiratory Protection: | An air-purifying, NIOSH-approved respirator with appropriate cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Use a positive-pressure, air-supplied respirator if there is any potential for an uncontrolled release, if exposure levels are unknown, or if any other circumstances exist where air-purifying respirators may not provide adequate protection. |

**Specific Requirements
for Personal Protective
Equipment:**

Ensure that glove material is compatible with this product. This information is available from glove manufacturers.

9. PHYSICAL AND CHEMICAL PROPERTIES

Unless otherwise indicated, all properties are given at 25 °C and standard pressure.

| | |
|---|-----------------------------|
| Appearance: | Violet, opaque liquid. |
| Odor: | Not applicable. |
| Odor Threshold: | No information found. |
| Formula Weight: | Mixture. |
| pH: | 6.8 – 7.2 |
| Melting/Freezing Point: | < 0 °C |
| Boiling Point/Range: | > 100 °C |
| Decomposition Temperature: | No information found. |
| Flash Point: | Not applicable. |
| Auto-ignition Temperature: | Not applicable. |
| Flammability: | Not flammable or explosive. |
| Flammability/Explosive Limits: | Not applicable. |
| Solubility: | Miscible with water. |
| Vapor Pressure: | No information found. |
| Vapor Density: | No information found. |
| Specific Gravity: | 1.01 (Water = 1) |
| Evaporation Rate: | No information found. |
| Viscosity: | No information found. |
| Partition Coefficient (n-octanol/water): | No information found. |

10. STABILITY AND REACTIVITY

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|--|--|
| Reactivity Data: | No information found. |
| Chemical Stability: | Stable under normal conditions. Sensitive to air. |
| Conditions to Avoid: | Heat, incompatible materials. |
| Incompatible Materials: | Oxidizing agents, acids, bases. |
| Hazardous Decomposition Products: | Carbon oxides, nitrogen oxides, sulfur oxides, sodium oxides, toxic fumes. |
| Possibility of Hazardous Reactions: | May react vigorously or violently if exposed to extreme thermal conditions or if contacted with the incompatible materials listed above. |
| Hazardous Polymerization: | Will not occur. |

11. TOXICOLOGICAL INFORMATION

| | | |
|------------------------------|---|-----------------------|
| Routes of Exposure: | Inhalation, ingestion, skin contact, eye contact. | |
| Acute Effects: | May be harmful if swallowed. May cause irritation to the eyes, skin, respiratory tract, and gastrointestinal tract. | |
| Chronic Effects: | No information found. | |
| Toxicological Data: | Water: | Not applicable. |
| | Nonhazardous ingredients: | No information found. |
| Symptoms of Exposure: | Irritation, nausea, vomiting, diarrhea, abdominal pain. | |
| Carcinogenic Effects: | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. | |

12. ECOLOGICAL INFORMATION

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|---------------------------------------|--|-----------------------|
| Ecotoxicological Data: | Water: | Not applicable. |
| | Nonhazardous ingredients: | No information found. |
| Persistence and Degradability: | No information found. | |
| Environmental Effects: | Not expected to be hazardous to the environment. However, the possibility of an environmental hazard cannot be excluded in the event of unprofessional handling or disposal. | |

13. DISPOSAL INFORMATION

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|--------------------------------|--|
| Disposal Instructions: | All wastes must be handled in accordance with local, state, and federal regulations. Minimize exposure to product waste (see Section 8). |
| Contaminated Packaging: | Because emptied containers retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities. |
| Waste Codes: | No information found. |

14. TRANSPORT INFORMATION

| | |
|--|-----------------------|
| DOT: | Not regulated. |
| Environmental Hazard Regulations: | No information found. |
| Other Transport Precautions: | No information found. |

15. REGULATORY INFORMATION

| | |
|----------------------------------|---|
| U.S. Federal Regulations: | |
| OSHA: | This product is not considered a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |

TSCA Inventory: All components of this product are on the U.S. TSCA Inventory.

U.S. EPCRA (SARA Title III):

Section 302: No information found.

Sections 311/312:

| Hazard Category | List (Yes/No) |
|----------------------------------|---------------|
| Section 311 – Hazardous Chemical | No |
| Immediate Hazard | No |
| Delayed Hazard | No |
| Fire Hazard | No |
| Pressure Hazard | No |
| Reactivity Hazard | No |

Section 313: No information found.

CERCLA Reportable Quantities: No information found.

Canada WHMIS: This SDS is prepared in compliance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Therefore, it complies with the 2015 Workplace Hazardous Materials Information System (WHMIS) as well.

International Inventories:

| Country or Region | Inventory Name | On Inventory (Yes/No)* |
|-------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | N/A |
| Canada | Domestic Substances List (DSL) | N/A |
| Canada | Non-Domestic Substances List (NDSL) | N/A |
| China | Inventory of Existing Chemical Substances in China (IECSC) | N/A |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | N/A |
| Europe | European List of Notified Chemical Substances (ELINCS) | N/A |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | N/A |
| Korea | Existing Chemicals List (ECL) | N/A |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | N/A |

*A "Yes" indicates that the listed components of this product comply with the inventory requirements administered by the governing country or region.

16. OTHER INFORMATION

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Issue Date:

October 6, 2016

Reason for Revision:

Update of Sections 8, 9, 11, 12, and 15 over 11/18/2014 version.