

**Material Safety Data Sheet****Dri Remediation™ HD Formulation**

<u>NFPA Classification:</u> Health: 0 Flammability: 0 Instability: 0	<u>HMIS Classification:</u> Health: 1 Flammability: 0 Physical Hazard: 0 Personal Protection: E	Date Issued: 11/30/11 MSDS No.: 5-070 Date Revised: 1/15/13 Revision No.: 003
5-070 Rev. 003	Name of Material	Dri Remediation™ HD Formulation

1. PRODUCT AND COMPANY NAME**PRODUCT NAME:** Dri Remediation™ HD Formulation**PRODUCT CODE:****PRODUCT FORMULATION NAME:** Mixture**GENERIC NAME:** None**MANUFACTURER:**

Red Lion Scientifics, LLC

11011 Via Frontera

Suite D

San Diego, CA 92127

Phone: (858) 705-6678

Fax: (858) 705-6694

2. HAZARD IDENTIFICATION**EMERGENCY OVERVIEW****PHYSICAL APPEARANCE:** White Powdery Solid, No Odor**IMMEDIATE CONCERNS:** Dust may be irritating to the respiratory tract.

Irritating, but will not cause permanent injury to the eye tissue. Repeated exposure may cause skin dryness or cracking.

POTENTIAL HEALTH EFFECTS**EYES:** May cause mechanical irritation. Irritating, but not permanently injure eye tissue. Low hazard for usual industrial or commercial handling.*Red Lion Scientifics, LLC**11011 Via Frontera**Suite D**San Diego, CA 92127**Dri Remediation™**Direct: (858) 705-6678**Fax: (858) 705-6694*

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SKIN: Repeated exposure may cause skin dryness or cracking. Get medical attention if irritation develops and persists.

INGENSTION: Health injuries are not known or expected under normal use. Low hazard for usual industrial or commercial handling.

INHALATION: Dust may be irritating to respiratory tract. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. See also Section 8.

CARCINOGENICITY EFFECTS: Does not contain any substance greater than 0.1% listed by IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), OSHA (Occupational Safety and Health Administration), ACGIH (American Conference for Governmental Industrial Hygienists) or EU (European Union). See also Section 11.

MEDICAL CONDITIONS AGGRAVATED: Asthma, Respiratory disorder. Individuals with pulmonary and/or respiratory disease, including but not limited to asthma and bronchitis should be precluded from exposure to dust during application.

TARGET ORGAN: Eyes, Lungs

COMMENTS: For detailed toxicological information see Section 11.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients in the product are not known or classified as hazardous. They are Generally Recognized As Safe by the USFDA.

This Proprietary Formulation is comprised of natural scoriaceous materials.

4. FIRST AID MEASURES

EYES: Flush eyes with large quantities of water. If irritation persists consult a physician.

SKIN: Wash with soap and water. Seek medical attention if redness, swelling, itching or burning occurs.

INGESTION: Do not induce vomiting. If conscious, give several glasses of water. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.



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COMMENT: As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to chemical substances and ensure prompt removal from skin, eyes and clothing.

5. FIRE FIGHTING MEASURES**FLASHPOINT AND METHOD:** Nonflammable**FLAMMABLE LIMITS:** NA**AUTOIGNITION TEMPERATURE:** NA**FLAMMABLE CLASS:** NA**FLAME PROPAGATION OR BURNING RATE OF SOLIDS:** NA**GENERAL HAZARDS:** NONE**EXTINGUISHING MEDIA:** NA

HAZARDOUS COMBUSTION PRODUCTS: Ammonia and Nitrogen oxides may be released at high temperatures.

FIRE FIGHTING PROCEDURE: NONE**FIRE FIGHTING EQUIPMENT:** NONE**SENSITIVITY TO STATIC DISCHARGE:** NA**SENSITIVITY TO IMPACT:** NA**6. ACCIDENTAL RELEASE MEASURES**

SMALL SPILL: Vacuum clean material with equipment. Use a dust suppressant such as water if sweeping is necessary.

LARGE SPILL: Clean up promptly with mechanical means as required and place in suitable container for use or recycling as necessary. Use a dust suppressant such as water if sweeping is necessary.

ENVIRONMENTAL PRECAUTIONS: No special environmental precautions are required. Local authorities should be advised if significant spillages cannot be contained.



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GENERAL PROCEDURES: Wear goggles if release creates conditions where eye contact is probable. Ventilate area if necessary.

COMMENTS: See Section 13 for disposal information and Section 15 for Regulatory requirements.

7. HANDLING AND STORAGE

HANDLING: Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Seal broken containers immediately. Continue to follow all MSDS/Label warnings when handling empty containers

STORAGE: Keep containers tightly closed in a dry well-ventilated place. Keep at ambient temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

INHALATION STANDARDS: Inhalation standards for this material have not been established.

Goggles: Goggles or Safety Glasses with side shields are recommended.

Gloves: Wear suitable gloves.

Respirator: Approved respirator may be necessary if local dust exhaust ventilation is not adequate.

Skin and Body Protection: Wear suitable protective clothing. No special protective equipment is necessary.

Engineering Controls: Ensure adequate ventilation to maintain minimal dust in area. Provide adequate exhaust ventilation at machinery and at places where dust can be generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Powdery Solid

ODOR: NONE

COLOR: White

pH: 7.0-7.5 When Suspended in Water

VAPOR PRESSURE: NA



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Formulation**VAPOR DENSITY:** NA**BOILING POINT:** NA**FREEZING POINT:** NA**MELTING POINT:** >2000 Degrees F**FLASHPOINT AND METHOD:** NA**SOLUBILITY IN WATER:** Insoluble, hydrophobic and buoyant**EVAPORATION RATE:** NA**DENSITY:** NA**SPECIFIC GRAVITY:** 0.12g/cm³**VISCOSITY:** NA**MOLECULAR WEIGHT:** NA**COEFF. OIL/WATER:** NA**10. STABILITY AND REACTIVITY****STABILITY:** The material is stable.**HAZARDOUS POLYMERIZATION:** Hazardous polymerization does not occur.**CONDITIONS TO AVOID:** None in designed use. Keep away from strong bases.**HAZARDOUS DECOMPOSITION PRODUCTS:** Trace Ammonia and nitrogen oxides.**INCOMPATIBLE MATERIALS:** Strong bases.**11. TOXOCOLOGICAL INFORMATION****ACUTE:****EYES:** Not Available**DERMAL LD₅₀:** Not Available**ORAL LD₅₀:** Not Available



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INHALATION LC₅₀: Due to the products physical characteristics, no suitable testing procedure is available.

EYE EFFECTS: None Known

SKIN EFFECTS: None Known

CARCINOGENICTY: Does not contain any substance greater than 0.1% listed by IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), OSHA (occupational Safety and Health Administration), ACGIH (American Conference for Governmental Industrial Hygienists) or EU (European Union).

SENSITIZATION: Not Tested

REPRODUCTIVE EFFECTS: Not Tested

TERATOGENIC EFFECTS: Not Available

MUTAGENICITY: Not Available

12. ECOLOGICAL INFORMATION

Summary: Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

Mobility: Not expected to migrate.

Bioaccumulation: According to experience not expected.

Persistence/Degradability: The methods for determining biodegradability are not applicable for inorganic substances.

13. DISPOSAL CONSIDERATIONS

Information in this section pertains to the product as shipped in its intended composition as described in Section 2 of the MSDS. Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers or liners. State/provincial and local regulations may be different from federal regulations.

RCRA Classification (40 CFR 261): Not a hazardous waste.

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PRODUCT DISPOSAL: May be disposed of in a suitable landfill in accordance with the regulations used by appropriate federal, provincial, state, and local authorities.

EMPTY CONTAINERS: No special handling.

GENERAL COMMENTS: Refer to Section 6, Accidental Release Measures for added information.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

US Department of Transportation
Canadian Transport of Dangerous Goods Regulation
European Transport of Dangerous Goods Regulation
CGVS, GGVE, RID, ADR, IMDG Code, ICAO-TI
United Nations (no UN Number)

DOT/ICAO/IATA

PROPER SHIPPING NAME: Dri Remediation™ HD Formulation
TECHNICAL NAME: NA
PRIMARY HAZARD CLASS/DIVISION: Not Classified
LABEL: Dri Remediation™ HD Formulation

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: Not Applicable
TITLE III NOTES: Not Applicable

CERLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Applicable

TSCA (TOXIC SUBSTANCE ACT)

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TSCA REGULATORY: All components of this product are listed on or are exempt from the TSCA Inventory.

REGULATIONS

STATE REGULATIONS: Not Available

LOCAL REGULATIONS: Not Available

16. OTHER INFORMATION

Disclaimer:

Red Lion Scientifics, LLC provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. **Red Lion Scientifics, LLC** MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, **Red Lion Scientifics, LLC** WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.
