

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078503835

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078063394

# SAFETY DATA SHEET

Dechra LimePlus Dip  
Revision Number: 0  
Revision Date: May 9<sup>th</sup>-2018

## 1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

**Product Name:** LimePlus Dip

### Other Means of Identification

**Synonyms:** Lime Sulfur Solution

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use:** Topical Animal Use  
(MUST BE DILUTED PRIOR TO USE ACCORDING TO LABEL)

**Uses Advised Against:** No Information Available

**Distributor:** Dechra Veterinary Products

**Address:** 7015 College Blvd, Overland Park, KS 66211

### Emergency Telephone Number:

**Product Information:** 866-933-2472

**Medical:** Contact the local poison control center

**Transportation:** ChemTrec (24 hours) 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

GHS Classification (29 CFR 1910.1200)  
Acute Toxicity – Oral (Category 4)  
Acute Toxicity – Inhalation (Category 4)  
Skin Irritation (Category 2)  
Eye Irritation (Category 1)  
Hazardous to aquatic environment Short Term/Acute (Category 3)

### GHS Label Elements, Including Precautions:



Signal Word: Danger

Hazard Statements: Harmful if swallowed. Harmful if inhaled. Causes skin irritation. Causes serious eye damage. Harmful to aquatic life.

### Precautionary Statements – Prevention

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Wear eye protection. Do not eat, drink, or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves/equipment. Contamination clothing must not be allowed out of the workplace.

## Precautionary Statements – Response

If swallowed/inhaled: Call a poison center/doctor if you feel unwell. Rinse mouth. Remove person to fresh air and keep comfortable for breathing. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

## Precautionary Statements – Storage

None

## Precautionary Statements – Disposal

Dispose of contents/containers in accordance with local/regional/national/international regulations. Do not allow release to aquatic waterways.

## Hazards not otherwise classified (HNOC)

Not Applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	%
Calcium Polysulfide, CaSx	1344-81-6	24-29

PA Right to Know: This product contains proprietary ingredients

This product contains the following chemical subject to the reporting requirements of Section 12 Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372 (the corresponding CAS numbers and typical percent by weight are also provided).

### 4. FIRST AID MEASURES

#### First Aid Measures

- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.
- Skin Contact:** Immediately flush skin with plenty of water for 15 minutes, while removing contaminated clothing and shoes.  
Get Medical Attention if irritation develops and persists
- Inhalation:** Move to fresh air. Get medical attention immediately if symptoms occur.
- Ingestion:** If swallowed DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit in lungs. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. Call a physician immediately.

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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media:

Use alcohol foam, carbon dioxide, water fog, dry chemical, or halon when fighting fires involving this material.

**Unsuitable Extinguishing Media:** None

**Specific Hazards Arising from the Chemical:** No information available

**Hazardous Combustion Products:** Oxidizing Agents

### Explosion Data

**Sensitivity to Mechanical Impact:** No

**Sensitivity to Static Discharge:** No

### Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions:** Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded.

### Environmental Precautions

**Environmental Precautions:** Refer to protective measures listed in Sections 7 and 8.

### Methods and Material for Containment and Cleaning Up

**Methods for Containment:** Recover free product.

**Methods for Cleaning Up:** To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non-sparking tools. If required, notify state and local authorities.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

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**Handling:** Wear protective equipment when handling. Wash thoroughly after handling. Do not get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact with skin. Do not swallow.

## Conditions for Safe Storage, Including Any Incompatibilities

**Storage:** Keep container closed when not in use. Store in cool dry place. Keep out of reach of children.

**Incompatible Products:** None known.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Engineering Controls:** Mechanical ventilation is preferred

**Eye/Face Protection:** Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses.

**Skin and Body Protection:** Rubber Gloves. Clean protective body covering, rubber apron, and rubber boots.

**Respiratory Protection:** Have self-contained breathing apparatus, positive pressure, MSHA/NIOSH (approved or equivalent) available in case of spillage or equipment failure

**Hydrogen Sulfide** OSHA TWA STEL (20 ppm ceiling), ACGIH TLV STEL (10ppm ceiling)

**Hygiene Measures:** Avoid contact with skin, eyes, and clothing. After handling this product wash hands before eating, drinking, or smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Odor:</b>	Strong odor of rotten eggs
<b>Appearance:</b>	Ruby-Red	<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Property</u>	<u>Values</u>
<b>pH:</b>	11.5 – 11.8	<b>Water Solubility:</b>	Soluble
<b>Melting/Freezing Point:</b>	0°F	<b>Solubility in Other Solvents:</b>	No data available
<b>Boiling Point/Range:</b>	>212°F	<b>Partition Coefficient:</b>	No data available
<b>Flash Point:</b>	No data available	<b>N-Octanol/Water:</b>	N/A
<b>Evaporation Rate:</b>	No data available	<b>Autoignition Temperature:</b>	No data available

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<b>Flammability (solid, gas):</b>	Not flammable	<b>Decomposition Temperature:</b>	No data available
<b>Flammability Limits in Air:</b>	Not flammable	<b>Kinematic Viscosity:</b>	No data available
<b>Upper Flammability Limit:</b>	Not flammable	<b>Dynamic Viscosity:</b>	N/A
<b>Lower Flammability Limit:</b>	Not flammable	<b>Explosive Properties:</b>	No data available
<b>Vapor Pressure:</b>	No data available	<b>Oxidizing Properties:</b>	No data available
<b>Vapor Density:</b>	No data available	<b>Specific Gravity:</b>	1.27 g/mL

## 9. PHYSICAL AND CHEMICAL PROPERTIES (cont.)

### Other Information

<b>Softening Point:</b>	No data available
<b>VOC Content (%):</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Stable under recommended storage conditions
<b>Possibility of Hazardous Reaction:</b>	None under normal processing
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur
<b>Conditions to Avoid:</b>	None known
<b>Incompatible Materials:</b>	Strong Oxidizers and acids
<b>Hazardous Decomposition Products:</b>	Hydrogen sulfide and oxides of sulfur

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Inhalation:** INH-Rat LC50: 3.6 mg/L (4 hr. exposure)

**Acute Dermal: LD50(Rabbit):** > 2000 mg/kg

**Acute Oral Effects: LD50(Rat):** 820 mg/kg

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Chronic/Carcinogenicity: Not listed in NTP, IARC or by OSHA Mutagenicity: Data not available

Reproduction: Data not available

Teratogenicity: Data not available

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: Green Algae, EC50: 16.4 mg/L

Water Flea, EC50: 13.7 mg/L Bluegill, LC50: 52.9 mg/L Flathead Minnow, LC50: 42.9 mg/L Rainbow Trout, LC50: 8.8 mg/L

Bioaccumulative potential: This product is not bioaccumulative Other adverse effects: None

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

**Waste Disposal Methods:** If uncontaminated, recover and reuse as product. If contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations.

**Disposal Regulatory Requirements:** Consult local county, country, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations.

## 14. TRANSPORT INFORMATION

UN Number DOT, ADR, IATA, IMDG

Non-regulated Material - UN3082

UN Proper Shipping Namer – IMDG

Environmental Hazardous Substance, Liquid, N.O.S. (calcium polysulfide), marine pollutant

Transport Hazard Class/Label:

IMDG



9 Miscellaneous dangerous substances and articles

Packing Group: IMDG III  
Environmental Hazards: Not Known  
Marine Pollutant: Not Listed  
Special Marking (ADR): N/A  
Special Marking (IATA) N/A  
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

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## 15. REGULATORY INFORMATION

### EPA Regulations:

Reportable Quantity – CERLAA: Not applicable

SARA Title II (EPCRA): Not applicable

RCRA Waste Code: Not Applicable

### State Regulations:

CA Proposition 65: Not Applicable

EPA National Response Center (800) 424-8802

## 16. OTHER INFORMATION

**General Precautions:** For topical use only. Must be Diluted prior to use.  
Avoid contact with eyes.  
If skin irritation develops or increases, stop use and call your veterinarian.  
Keep out of reach of children and pets.  
Wash hands after use.  
Store at controlled room temperature of 20-25°C (68-77°F)

**Prepared By:** Tropichem Research Labs, Inc.  
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1-561-804-7603

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General Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and beliefs at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

Q. A. Laboratories

3 NO BITE SPRAY

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SECTION I  
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MANUFACTURER'S NAME: Q.A. LABORATORIES  
 404 ADMIRAL BLVD.  
 KANSAS CITY, MO 64106  
 EMERGENCY TELEPHONE NO.: 816-421-8081  
 CHEMICAL NAME AND SYNONYMS: Bitter 3 Mist, Triple No Chew  
 Spray, 3 No Bite Spray  
 TRADE NAME AND SYNONYMS:  
 CHEMICAL FAMILY:  
 FORMULA:

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SECTION II - HAZARDOUS INGREDIENTS  
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PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)
-----		
PIGMENTS NA		
CATALYST NA		
VEHICLE NA		
SOLVENTS NA		
ADDITIVES NA		
OTHERS NA		
-----		
ALLOYS AND METALLIC COATINGS	%	TLV (Units)
-----		
BASE METAL NA		
ALLOYS NA		
METALLIC COATINGS NA		
FILLER METAL PLUS COATING OR CORE FLUX NA		
OTHERS NA		

	%	TLV (Units)
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Isopropyl alcohol 90%, oleoresin capsicum 1%, sucrose octyl acetate, polysorbate 60, propylene glycol, deionized water, bitter orange, FDC Red 40		

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SECTION III - PHYSICAL DATA  
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BOILING POINT (deg. F.): 82 deg C\*  
 VAPOR PRESSURE (mm Hg.): 90mmHg\*  
 VAPOR DENSITY (AIR = 1): 2.1\*  
 SOLUBILITY IN WATER: Miscible  
 SPECIFIC GRAVITY (H2O = 1): .80  
 PERCENT, VOLATILE BY VOLUME (%): 90  
 EVAPORATION RATE (\_\_\_\_\_ = 1):  
 APPEARANCE AND ODOR: Clear rust colored liquid with pungent  
 odor

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT (Method used): Closed cup 12 deg C\*  
 FLAMMABLE LIMITS:  
 LEL:  
 UEL:  
 EXTINGUISHING MEDIA: Dry chemical or alcohol type foam  
 SPECIAL FIRE FIGHTING PROCEDURES: Water spray to cool fire-  
 exposed surfaces, use breathing apparatus  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Product is flammable\*

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SECTION V - HEALTH HAZARD DATA  
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THRESHOLD LIMIT VALUE: 400 ppm\*  
 EFFECTS OF OVEREXPOSURE: Vapor irritates eyes, nose and  
 throat. Liquid may damage eye tissue  
 EMERGENCY AND FIRST AID PROCEDURES: If overcome by vapors,  
 remove to fresh air consult medical personnel  
 Eye contact flush with water, flushing eyes with  
 vegetable oil will aid in soothing the irritation. Skin -  
 thorough washing with mild soap and cool water. Medical  
 attention should be sought for serious cases.

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SECTION VI - REACTIVITY DATA  
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STABILITY: Stable  
 CONDITIONS TO AVOID: NA  
 INCOMPATIBILITY (Materials to avoid): Anhydrides, halogens  
 HAZARDOUS DECOMPOSITION PRODUCTS:  
 HAZARDOUS POLYMERIZATION: Will not occur  
 CONDITIONS TO AVOID:

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SECTION VII - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
 Avoid skin, eye contact, eliminate sources of ignition  
 WASTE DISPOSAL METHOD: Contain spilled liquid with sand or  
 earth, dilute with water. Recover free liquid by pumping  
 or with suitable absorbant. Consult disposal expert.

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SECTION VIII - SPECIAL PROTECTION INFORMATION  
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RESPIRATORY PROTECTION (Specify type): Approved respiratory  
 if in enclosed area  
 VENTILATION:  
 LOCAL EXHAUST:  
 MECHANICAL (General): Explosion proof  
 SPECIAL:  
 OTHER: No smoking  
 PROTECTIVE GLOVES: Chemically resistant  
 EYE PROTECTION: Goggles  
 OTHER PROTECTIVE EQUIPMENT:

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SECTION IX - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep  
 container closed when not in use. Do not handle or store  
 near flame, heat, or oxidants  
 OTHER PRECAUTIONS:  
 \* based on isopropyl alcohol

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 reasonable care has been taken in the preparation of this  
 document, we extend no warranties and make no  
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 information contained therein, and assume no responsibility  
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 use. Each individual should make a determination as to the  
 suitability of the information for their particular  
 purpose(s). A request has been made to the manufacturer to  
 approve the contents of this material safety data sheet.  
 Upon receipt a new MSDS will be made available.

COMPAS Code: 14290130