

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

HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY								
DECHRA VETERINARY PRODUCTS, 7015 COLLEGE BLVD. SUITE 525 OVERLAND PARK KS 66211 Tel: 913-327-0015 Fax: 913-327-0016	PRODUCT NAME: <div style="text-align: center; font-weight: bold; font-size: 1.2em;">LimePlus Dip</div>	LEGAL CATEGORY: Complies with USDL Safety and Health Regulations, (29 CFR 1915, 1916, 1917) LICENCE NO.: N/A ISSUE DATE: 29 June 2011						
PHYSICAL FORM: Golden brown liquid	PRODUCT TYPE: Ringworm. <i>Demodex</i> , sarcoptic mange	CONTAINER(S): 4 oz. bottle, 16 oz. bottle, gallon bottle						
2. HAZARDS IDENTIFICATION: <div style="margin-left: 100px;"> May be used to comply with Occupational Safety & Health Administration OSHA's Hazard Communication (non-Mandatory Form) Standard. 29 CFR 1910.1200. Form Approved Standard must be consulted OMB No. 1218-0072 for specific requirements. </div>								
3. COMPOSITION/INFORMATION ON ACTIVE INGREDIENTS								
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>NAME</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>% w/w</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>HAZARD</u></th> </tr> <tr> <td>Sulfurated lime solution</td> <td>97.8 %</td> <td></td> </tr> </table>	<u>NAME</u>	<u>% w/w</u>	<u>HAZARD</u>	Sulfurated lime solution	97.8 %			
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Sulfurated lime solution	97.8 %							
4. FIRST-AID MEASURES								
EYE CONTACT:	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes using an eyewash fountain, if available. Lift upper and lower lids and rinse under them with copious amounts of water. GET MEDICAL ATTENTION IMMEDIATELY.							
DERMAL CONTACT:	Wash all affected areas with plenty of soap and water while under a safety shower for at least 15 minutes, while removing contaminated clothing and shoes. Do not attempt to neutralize with chemical agents. SEEK MEDICAL ATTENTION IMMEDIATELY. Discard any contaminated clothing and shoes.							
INGESTION:	Promptly drink a large quantity of milk, egg white or gelatin solution or if these are not available, large quantities of water. GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. See not to physician at end of MSDS.							
INHALATION:	Remove to fresh air. If not breathing, administer cardiopulmonary resuscitation or artificial respiration. If breathing is difficult or irritation occurs, GET MEDICAL ATTENTION.							
EQUIPMENT AT WORKPLACE:	N/a							

5. FIRE-FIGHTING MEASURES (BULK ACTIVE)	
FLAMMABILITY: No flammable	
SUITABLE EXTINGUISHERS: Carbon dioxide or dry chemicals for small fires. "Alcohol" or "Polymer foam for large fires.	EXPLOSIVE HAZARDS: Strong oxidizing agents. Elevated temperatures can cause container to burst.
EXTINGUISHERS NOT TO BE USED: None known	
SPECIAL PROTECTIVE EQUIPMENT: Wear MSHA/NIOSH approved self-contained breathing apparatus. Persons who have been exposed to contaminated smoke should be checked for symptoms of poisoning. These should not be mistaken for heat exhaustion or smoke inhalation.	HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide. Normal combustion products are carbon dioxide and water vapor. Decomposition may also produce oxides and sulfur. Incomplete combustion or thermal decomposition can produce carbon monoxide, oxyhydrocarbon derivatives and sulfur derivatives including hydrogen sulfide.
6. ACCIDENTAL RELEASE MEASURES	
PERSONAL PROTECTION:	Safety glasses or goggles, waterproof gloves, long sleeve shirt, long pants and chemical resistant footwear. NIOSH/MESA approved respirator TC-21C. Local exhaust and mechanical (general) ventilation acceptable.
SPILLAGE CLEAN-UP:	Avoid contact with eyes. Do not discharge into drains. DO NOT USE ACIDIC CLEANING MATERIALS. Cover spill with generous amount of absorbent such as clay or loam soil. Use a stiff broom to mix thoroughly. Sweep up and place in a disposable container. Scrub contaminated area with detergent soap and water, using stiff broom.
7. HANDLING AND STORAGE	
HANDLING:	Avoid contact with eyes, skin, or clothing. Keep material out of reach of children. Avoid prolonged or repeated exposure to vapors. For external use only. When used on animals, do not allow animal to lick. A protective collar may be used until dry to prevent ingestion. Do not towel dry or use blower to dry animal.
STORAGE:	Keep away from children. Store in cool/dry area. Store in original, closed container.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION:	Safety glasses or goggles, waterproof gloves, long sleeve shirt, long pants and chemical resistant footwear. NIOSH/MESA approved respirator TC-21C. Local exhaust and mechanical (general) ventilation acceptable.
9. PHYSICAL AND CHEMICAL PROPERTIES OF ACTIVE	
APPEARANCE: Golden brown liquid	MELTING POINT °C: N/A
SOLUBILITY IN WATER: N/A	BOILING POINT °F: 212
MOLECULAR FORMULA: N/A	MOLECULAR MASS: N/A
10. STABILITY AND REACTIVITY: Stable under normal temperatures and pressures.	

11. TOXICOLOGICAL INFORMATION	
EYE CONTACT:	May cause irreversible eye damage. Chemically burned eye tissue as from calcium hydroxide (lye), may produce severe membrane irritation with corneal damage.
DERMAL CONTACT:	Corrosive to skin. Chemically burned skin as from calcium hydroxide (lye), may produce systemic toxicity by skin absorption.
INGESTION:	May be fatal if swallowed. This material decomposes in the digestive tract to release sulfur and hydrogen sulfide (H ₂ S). Signs and symptoms of toxicity may include headache, nausea, vomiting, drowsiness, amnesia, tremors, depressed respiration, convulsions, cyanosis and possibly death due to respiratory paralysis. Severe irritation of the digestive tract may also occur.
INHALATION:	Symptoms are those of hydrogen sulfide (H ₂ S). Inhalation of H ₂ S is irritating to the respiratory tract. If respiratory irritation or any signs or symptoms described in this bulletin occur, move the person to fresh air. If these effects continue, see a medical doctor immediately.
12. ECOLOGICAL INFORMATION:	N/A
13. DISPOSAL CONSIDERATIONS:	Avoid contact with eyes. Do not discharge into drains. DO NOT USE ACIDIC CLEANING MATERIALS. Cover spill with generous amount of absorbent such as clay or loam soil. Use a stiff broom to mix thoroughly. Sweep up and place in a disposable container. Scrub contaminated area with detergent soap and water, using a stiff broom.
14. TRANSPORT INFORMATION:	Not regulated.
15. REGULATORY INFORMATION	
16. OTHER INFORMATION	
Prepared by Dechra Veterinary Products on the basis of the best available data. No representation is given that the information provided is complete in all respects.	

Notes to Physician: Probable mucosal damage may contraindicate gastric lavage. For severe hydrogen sulphide poisoning, successful treatment has involved initial inhalation of amyl nitrite pearls for 15 to 30 seconds of each minute until 10 mls of a 3 % solution of sodium nitrite can be administered intravenously at 2.5 to 5 mls per minutes. The nitrate-induced methemoglobin is thought to bind the toxic hydro-sulfide ion.

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Q.A.Laboratories	EMERGENCY TELEPHONE NO. 816-421 8081
ADDRESS (Number, Street, City, State, and ZIP Code) 404 Admiral Blvd, Kansas City, Mo 64106	
CHEMICAL NAME AND SYNONYMS Bitter 3 Mist, Triple No Chew Spray, 3 No Bite Spray	TRADE NAME AND SYNONYMS
CHEMICAL FAMILY	FORMULA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS NA			BASE METAL NA		
CATALYST NA			ALLOYS NA		
VEHICLE NA			METALLIC COATINGS NA		
SOLVENTS NA			FILLER METAL PLUS COATING OR CORE FLUX NA		
ADDITIVES NA			OTHERS NA		
OTHERS NA					
HAZARDOUS MIXTURES OF OTHER INGREDIENTS				%	TLV (Units)
Isopropyl alcohol 90 %, oleoresin capsicum 1%,sucrose					
octyl acetate,polysorbate 60, propylene glycol,deionized water,					
bitter orange, FDC Red 40					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	82°C*	SPECIFIC GRAVITY (H ₂ O=1)	.80
VAPOR PRESSURE (mm Hg.)	90mmHg*	PERCENT VOLATILE BY VOLUME (%)	90
VAPOR DENSITY (AIR=1)	2.1*	EVAPORATION RATE (— = 1)	
SOLUBILITY IN WATER	miscible		
APPEARANCE AND ODOR	clear rust colored liquid with pungent odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) closed cup 12°C*	FLAMMABLE LIMITS	LeI	UeI
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*			

SECTION V - HEALTH HAZARD DATA

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 the irritation. Skin-thorough washing with mild soap

and cool water. Medical attention should be sought for serious cases.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

NA

INCOMPATIBILITY (Materials to avoid)

anhydrides, halogens

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

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.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Approved respiratory if in enclosed area

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)
explosion proof

OTHER
no smoking

PROTECTIVE GLOVES

chemically resistant

EYE PROTECTION

goggles

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

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