

Lime Sulfur Dip

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Lime Sulfur Dip
SDS Number: 1054
Product Code: LSD
Revision Date: 07/01/2019
Version: 7
CAS Number: Contains CAS #1344-81-6
Product Use: Antimicrobial and Antiparasitic Solution Pet Dip

Supplier Details: Davis Manufacturing
541 Proctor Avenue
Scottsdale, GA 30079

Contact: Emergency Contact: Chem-Tel 800 255-3924
Phone: 404 292-2424
Fax: 404 292-3049
Email: mail@davismfg.com
Web: www.davismfg.com

Emergency Phone for USA: 1 800 255-3924
Emergency Phone for International: +011 813 248-0585
Service for products with hazardous items provided
by Chem-Tel Inc Under Contract # MIS0001878

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Environmental, Hazards to the aquatic environment - Acute, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 1
Environmental, Hazards to the aquatic environment - Acute, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H400 - Very toxic to aquatic life
H315 - Causes skin irritation
H318 - Causes serious eye damage
H401 - Toxic to aquatic life

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P314 - Get Medical advice/attention if you feel unwell.
P305 - IF IN EYES: _
P315 - Get immediate medical advice/attention.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P301 - IF SWALLOWED: _
 P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331 - Do NOT induce vomiting.
 P302 - IF ON SKIN: _
 P352 - Wash with soap and water.
 P337+313 - Get medical advice/attention.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; High; Skin; Moderate; Inhalation; Moderate; Ingestion; High
Target Organs: Digestive tract; Eyes; Respiratory system; Skin;
Inhalation: Symptoms are those of hydrogen sulfide (H2S). Inhalation of H2S 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.
Skin Contact: Corrosive to skin. Chemically burned skin as from calcium hydroxide (lye), may produce systemic toxicity by skin absorption.
Eye Contact: May cause irreversible eye damage. Chemically burned eye tissue as from calcium hydroxide (lye), may produce severe membrane irritation with corneal damage.
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 into lungs. NEVER give anything by mouth to an unconscious person. call a Physician Immediately!
 This material decomposes in the digestive tract to release sulfur and hydrogen sulfide (H2S). 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.

CAUTION: MUST BE DILUTED before use. Use extreme care when handling undiluted product. Keep out of reach of children.

Skin irritation may be aggravated in individuals with existing skin lesions. Breathing of H2S may aggravate acute or chronic asthma and chronic pulmonary disease such as emphysema and bronchitis.

3	COMPOSITION/INFORMATION OF INGREDIENTS
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Chemical Ingredients:		
CAS#	%	Chemical Name:
1344816	29%	Calcium polysulfide

4	FIRST AID MEASURES
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Inhalation: Remove to fresh air. If not breathing, administer cardiopulmonary resuscitation or artificial respiration. If breathing is difficult or irritation occurs, GET MEDICAL ATTENTION.
Skin 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.
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.
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 EXCEPT ON ADVICE OF A PHYSICIAN.(See Note To Physician below).

Notes To Physician: Probable mucosal damage may contraindicate gastric lavage. For severe hydrogen sulfide 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 minute. The nitrate-induced methemoglobin is thought to bind the toxic hydro-sulfide ion.

5	FIRE FIGHTING MEASURES
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Flammability: Not Flammable
Flash Point: N/A
Flash Point Method: N/A

Fight the surrounding fire Extinguishing Media: Alcohol Foam, Carbon Dioxide, Dry Chemical or Foam

Smoke from fires may present unusual hazards, avoid breathing smoke.
Persons who have been exposed to contaminated smoke should be checked for symptoms of poisoning. These should not be mistaken for heat ex-haustion or smoke inhalation.

6 ACCIDENTAL RELEASE MEASURES

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.

7 HANDLING AND STORAGE

Handling Precautions: 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 CONE/COLLAR MAY BE USED UNTIL DRY TO PREVENT INGESTION OF APPLIED DIP. DO NOT TOWEL DRY, DO NOT USE BLOWER TO DRY ANIMAL.

Storage Requirements: Keep away from children. Store in cool/dry area. Store in original, closed container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Sufficient local or mechanical ventilation to maintain lowered vapor concentration.

Personal Protective Equipment: HMIS PP, H | Splash Goggles, Gloves, Apron, Vapor Respirator
Use positive pressure self-contained breathing apparatus for fire or other emergency or other conditions requiring a higher level of protection.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Deep red/orange liquid	Odor:	Pungent odor of rotten eggs.
Physical State:	Liquid	Solubility:	Soluble
Spec Grav./Density:	SG = 1.273 @ 68 F (20 C)	Freezing/Melting Pt.:	N/D
Boiling Point:	Not Determined	Vapor Density:	N/D
Vapor Pressure:	N/D		
pH:	11.5 - 11.8		

10 STABILITY AND REACTIVITY

Chemical Stability: Stable at normal room temperature and normal conditions.

Conditions to Avoid: Extreme elevated temperatures may cause container to burst.

Materials to Avoid: Avoid contact with acids; Hydrogen sulfide gas will be generated, dangerous to inhale. Explosive at critical concentration.

Hazardous Decomposition: Normal combustion products are carbon dioxide and water vapor. Decomposition may also produce oxides of sulfur. Incomplete combustion or thermal decomposition can produce carbon monoxide, oxhydrocarbon derivatives and sulfur derivatives including hydrogen sulfide.

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: Eye Irritation Category 1. Can cause serious eye damage.

Skin Effects: LD 50: (Rabbit): 2000 mg/kg .

Accute Inhalation Effects: INH-Rat LC 50: 3.6 mg/L (4 hr. exposure)

Chronic/Carcinogenicity: Not listed in NTP, IARC, or by OSHA .

Carcinogenicity: See above .

Mutagenicity: Data not available .

Teratogenicity: Data not available .

Accute Oral Effects: LD 50: (Rat): 820 mg/kg

May cause stomach irritation when orally administered to laboratory animals at doses of 800 mg/kg. Care should be taken not to ingest in large quantities.

12 **ECOLOGICAL INFORMATION**

This product is strongly alkaline. Keep undiluted product from entering rivers, lakes and streams.
This product is toxic to fish and other aquatic invertebrates.

13 **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with prevailing local, state and federal regulations.

14 **TRANSPORT INFORMATION**

UN3082, Environmentally hazardous substances, liquid, n.o.s., 9, PGIII, (Contains Calcium Polysulfide)

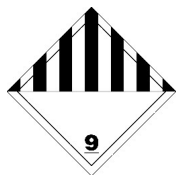
Land transport DOT: Not regulated for Domestic Land/Ground Transportation

Sea transport IMDG: UN3082 Environmentally hazardous substance, liquid n.o.s., Marine Pollutant for ocean only (contains calcim polysulfide) 9,PGIII (NOTE: in small quantities, may be classed & marked as LTD QTY

Air Transport ICAO-TI and IATA: Non-hazardous under IATA regulations

DOT Transport: Non-Regulated Material

Transport/Further information: CLASSED AS A MARINE POLLUTANT FOR OCEAN SHIPMENTS



15 **REGULATORY INFORMATION**

This product is listed on TSCA Inventory.

SARA Title III Section 313 N/A

SARA Title II Section 312 Acute Hazard

RCRA Hazardous Waste: N/A

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

This material is classed as a Marine Pollutant only for Ocean shipments.

California Proposition 65, Not Applicable

16 **OTHER INFORMATION**

HMIS III: Health = 3, Fire = 0, Physical Hazard = 3

HMIS		
HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	3
PERSONAL PROTECTION	<input type="checkbox"/>	

BE SAFE: READ OUR PRODUCT SAFETY INFORMATION AND PASS IT ON.

Product liability law requires it. The information provided in this Safety Data Sheet has been obtained from current sources believed to be reliable. The manufacturer provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your

information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use.

Revision Date: 07/01/2019