

**Section 1. Identification****Product identifier****Product Identity**

SALI-SOL with Caffeine

**Other means of identification**

Not Applicable

**Relevant identified uses of the substance or mixture and uses advised against**

For animal feed only.

**Details of the supplier of the safety data sheet****Company Name**

Animal Science Products, Inc.

PO Box 631408

Nacogdoches, TX 75963-1408

**Emergency****24 hour Emergency Telephone No.**

Infotrac at 800-535-5053 or +1-352-323-3500

**Customer Service:**

936-560-0003

**Section 2. Hazard(s) identification****Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).**

Flammable Liquid, category 2;H225

Highly Flammable liquid and vapor.

Serious eye damage / eye irritation, category 2A;H319

Causes serious eye irritation.

**Label elements****Danger**

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

**[Prevention]**

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P233 Keep container tightly closed.

P240 Ground, bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, light, equipment.

P242 Use only non-sparking tools.

P243 Take action to prevent static discharges.

P264 Wash thoroughly after handling.

P280 Wear protective gloves, eye protection, and face protection.

### [Response]

P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice or attention.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

### [Storage]

P403+235 Store in a well ventilated place. Keep cool.

### [Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

### Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organisation for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).

## Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Ethanol CAS Number: 64-17-5 Synonyms: Ethyl Alcohol	45 - 70	Flammable Liquid, category 2;H225 Serious eye damage / eye irritation, category 2;H319	-----
1,2-Propanediol CAS Number: 57-55-6 Synonyms: Propanediol, Propylene Glycol, 1,2-Propylene glycol, Mono propylene glycol, MPG, Monopropylene glycol	10 - 30	Not Classified	-----
Acetylsalicylic acid (Aspirin) CAS Number: 50-78-2 Synonyms: Benzoic acid, 2-(acetyloxy)-	7 - 13	Acute toxicity(oral), category 4;H302	-----
Glycerin CAS Number: 56-81-5 Synonyms: Glycerol	3 - 7	Not Classified	-----
Caffeine CAS Number: 58-08-2 Synonyms: Purine-2,6-dione, 3,7-dihydro-1,3,7-trimethyl-	0.5 - 1.5	Acute toxicity(oral), category 4;H302	-----

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

## Section 4. First aid measures

### Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### Most important symptoms and effects, both acute and delayed

<b>Overview</b>	No chronic toxicity or long term toxicity information available. Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.  Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.
<b>Eyes</b>	Causes serious eye irritation.

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>), Foam, Dry powder, Water.

**Unsuitable extinguishing media:** For this substance/mixture no limitations of extinguishing agents are given.

### Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep container tightly closed.

Ground, bond container and receiving equipment.

Use explosion-proof electrical, ventilating, light, equipment.

Use only non-sparking tools.

Take action to prevent static discharges.

**Advice for fire-fighters**

In the event of fire, wear self-contained breathing apparatus. Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system. Combustible. Pay attention to flashback. Forms explosive mixtures with air at ambient temperatures. Vapours are heavier than air and may spread along floors. Development of hazardous combustion gases or vapours possible in the event of fire.

ERG Guide No. 127

**Section 6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**Environmental precautions**

Do not allow spills to enter drains or waterways.

Collect in flammable waste container for disposal.

**Methods and material for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

**Section 7. Handling and storage****Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

Observe label precautions. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge. Change contaminated clothing. Wash hands after working with substance.

See section 2 for further details. - [Prevention]

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

Incompatible materials: Alkali products. Peroxi compounds. Chlorine.

See section 2 for further details. - [Storage]

**Specific end use(s)**

No data available.

### Section 8. Exposure controls / personal protection

#### Control parameters

#### Exposure Limits

CAS No.	Ingredient	Source	Value
50-78-2	Acetylsalicylic acid (Aspirin)	OSHA	No Established Limit
		ACGIH	0.3 mg/m <sup>3</sup>
		NIOSH	TWA 5 mg/m <sup>3</sup>
56-81-5	Glycerin	OSHA	5 mg/m <sup>3</sup> (Respirable fraction), 15 mg/m <sup>3</sup> (total dust)
		ACGIH	TWA: 3 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> (mist)
		NIOSH	No established RELs
57-55-6	1,2-Propanediol	OSHA	No Established Limit
		ACGIH	TWA(Aerosol): 10 mg/m <sup>3</sup>
		NIOSH	No Established Limit
58-08-2	Caffeine	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
64-17-5	Ethanol	OSHA	1000 ppm, 1900 mg/m <sup>3</sup>
		ACGIH	1000 ppm
		NIOSH	TWA 1000 ppm (1900 mg/m <sup>3</sup> )

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 5 mg/m<sup>3</sup> ACGIH.

#### Exposure controls

##### Respiratory

If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.

##### Eyes

Protective safety glasses recommended

##### Skin

Use neoprene or rubber gloves or PVC.

##### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

##### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

### Section 9. Physical and chemical properties

#### Information on basic physical and chemical properties

##### Physical State

Liquid

##### Color

Blue

##### Odor

Not Provided

##### Odor threshold

Not Available

Melting point / freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	<b>Lower Explosive Limit:</b> Not Available <b>Upper Explosive Limit:</b> Not Available
Flash Point	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
pH	Not Available
Viscosity (cSt)	Not Available
Solubility in Water	Not Available
Partition coefficient n-octanol/water (Log Kow)	Not Available
Vapor pressure (Pa)	Not Available
Relative Density	Not Available
Vapor Density	Not Available
Evaporation rate (Ether = 1)	Not Available
VOC Content	Not Available
Other information	
No other relevant information.	

## Section 10. Stability and reactivity

### Reactivity

Vapours may form explosive mixture with air.

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

Exothermic reaction with alkali products.

### Conditions to avoid

High temperatures and fires.

### Incompatible materials

Alkali products. Peroxi compounds. Chlorine.

### Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## Section 11. Toxicological information

### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue,

muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Ethanol - (64-17-5)	10,470.00, Rat - Category: NA	17,100.00, Rabbit - Category: NA	124.70, Rat - Category: NA	No data available.	No data available.
1,2-Propanediol - (57-55-6)	22,000.00, Rat - Category: NA	> 2,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Acetylsalicylic acid (Aspirin) - (50-78-2)	1,600.00, Rat - Category: 4	No data available.	No data available.	No data available.	No data available.
Glycerin - (56-81-5)	27,200.00, Rat - Category: NA	45,000.00, Guinea Pig - Category: NA	No data available.	No data available.	No data available.
Caffeine - (58-08-2)	367.00, Rat - Category: 4	No data available.	No data available.	No data available.	No data available.

### Carcinogen Data

CAS No.	Ingredient	Source	Value
50-78-2	Acetylsalicylic acid (Aspirin)	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	A4
56-81-5	Glycerin	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
57-55-6	1,2-Propanediol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
58-08-2	Caffeine	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 3
		ACGIH	No Established Limit
64-17-5	Ethanol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1
		ACGIH	A3

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable

Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**Possible routes of entry:** No available information

**Symptoms and effects, both acute and delayed:**

No chronic toxicity or long term toxicity information available. Treat symptomatically.

**Eyes** Causes serious eye irritation.

## Section 12. Ecological information

### Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Ethanol - (64-17-5)	15,400.00, Lepomis macrochirus	> 10,000, Daphnia magna	17.92, Ulva pertusa
1,2-Propanediol - (57-55-6)	40,613.00, Salmo gairdneri	18,340.00, Ceriodaphnia dubia	24,200.00, Raphidocelis subcapitata
Acetylsalicylic acid (Aspirin) - (50-78-2)	No data available.	No data available.	No data available.
Glycerin - (56-81-5)	54,000.00, Oncorhynchus mykiss	1,955.00, Daphnia magna	No data available.
Caffeine - (58-08-2)	No data available.	182.00, Daphnia magna	101.00, Desmodesmus subspicatus

### Persistence and degradability

There is no data available on the preparation itself.

### Bioaccumulative potential

Not Available

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.



### Other adverse effects

No data available.

## Section 13. Disposal considerations

### Waste treatment methods

Destroy by liquid incineration. Use absorbent material and deposit in toxic landfill in accordance with local, state, and federal regulations.

## Section 14. Transport information



	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN1170	UN1170	UN1170
UN proper shipping name	Ethanol solutions	Ethanol solutions	Ethanol solutions
Transport hazard class(es)	Class: 3 Sub Class: Not Applicable	Class: 3 Sub Class: Not Applicable	Class: 3 Sub Class: Not Applicable
Packing group	II	II	II
Environmental hazards	IMDG Marine Pollutant: No;		
Special precautions for user	Not Applicable		

## Section 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

### Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0000057-55-6	1,2-Propanediol	Yes		ACTIVE
0000050-78-2	Acetylsalicylic acid (Aspirin)	Yes		ACTIVE
0000058-08-2	Caffeine	Yes		ACTIVE
0000064-17-5	Ethanol	Yes		ACTIVE
0000056-81-5	Glycerin	Yes		ACTIVE

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

Ethanol

### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Developmental Toxins (>0.0%):

Acetylsalicylic acid (Aspirin)

### Proposition 65 - Female Repro Toxins (>0.0%):

Acetylsalicylic acid (Aspirin)

### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 Label Warning:



WARNING: This product can expose you to chemicals including [Acetylsalicylic acid (Aspirin)], which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Note:** Ethanol (Ethyl alcohol) has been placed on the California Proposition 65 Cancer and Developmental Lists when in alcoholic beverages.

## Section 16. Other information

Revision Date                      08/19/2025

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.



## **Safety Data Sheet SALI-SOL with Caffeine**

**Revision**  
**Date: 08/18/2025**

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Disclaimer: The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

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