

SAFETY DATA SHEET

Sulfamethazine 25% Concentrate Solution

1. PRODUCT AND COMPANY IDENTIFICATION

SDS Name: Sulfamethazine 25% Concentrate Solution
Product ID: SM4
CAS no: Mixture
Chemical Present: See components below

Company Identification: Solvet
7226- 107th Avenue South East
Calgary, Alberta Canada
T2C5N6

For information call: (403) 456-2245
Emergency number: (613) 996-6666 (CANUTEC)
1-800 463-5060 OR
(418) 656-8090 (Control Poison Center)

2. HAZARDS IDENTIFICATION

Eye Contact: May cause eye irritation. Corrosive (NaOH), can result in corneal damage or blindness.

Skin Contact/Absorption: May be harmful if absorbed through skin. May cause skin irritation. Corrosive, irritant and permeate (NaOH), can produce inflammation and blistering.

Inhalation: May be harmful if inhaled. May cause irritation to gastrointestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Ingestion: May be harmful if swallowed.

Emergency Overview:

WHMIS Classification: Not WHMIS controlled.
GHS Classification: Acute toxicity, Oral (Category 4)
GHS Label elements, including precautionary statements
Pictogram



Signal word: Warning
Hazard statement(s): H302 Harmful if swallowed.
Precautionary statement(s): none



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**SULFAMETHAZINE 25%
CONCENTRATE SOLUTION**

Alberta Vet Laboratories Ltd.
Document No.:
SDS-QC.009
Version:1.0

Effective Date: 2020-03-16

HMIS Classification

Health hazard: 1
Flammability: 0
Physical hazards: 0

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Chemical Name	Chemical Formula	% by weight
1981-58-4	Sulfamethazine Sodium Salt	C ₁₂ H ₁₃ N ₄ NaO ₂ S	25 %
1310-73-2	Sodium Hydroxide	NaOH	1.0%
7732-18-5	Purified Water	H ₂ O	qs. ad 74 %

4. FIRST AID MEASURES

Eye Contact: Flush immediately with water for at least 15 minutes. Check for and remove any contact lenses. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.

Inhalation: Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek medical Attention if difficulties persist.

Ingestion: Do not induce vomiting unless directed to do so. Never give anything to an unconscious person. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Condition of Flammability Not flammable

Means of Extinction Product does not burn. Use appropriate extinguishing media for surrounding fire.

Auto-ignition Temperature Not applicable

Upper Flammable Limit Not applicable

Lower Flammable Limit Not applicable

Hazardous Combustible Products Not applicable

Special Fire Fighting Procedures Wear NIOSH-approved self-contained breathing apparatus and protective clothing.

Explosion Hazards Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
Environmental precautions	Do not let product enter drains.
Methods and materials for containment and cleaning	Up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling Procedures:	Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Storage Requirements:	Store in a cool, dry, well-ventilated place. Keep container tightly closed and away from incompatible materials. Recommended storage temperature: 2 - 8 °C

8. EXPOSURE CONTROLES/PERSONAL PROTECTION

Protective Equipment	
Eyes	Chemical goggles, full face shield or a full-face respirator is to be worn at all times when product is handled.
Respiratory	Use NIOSH/MSHA approved respiratory protection when airborne dust is expected. In dusty atmosphere, use an approved dust respirator.
Gloves	Impervious gloves of chemically resistant material should be worn at all times. Wash contaminated clothing and dry thoroughly before reuse.
Clothing	Body suits, aprons and or coveralls of chemical resistant material should be worn at all times. Wash contaminated clothing and dry thoroughly before reuse.
Footwear	Impervious boots of chemically resistant material should be worn.
Engineering Controls: Ventilation Requirements:	Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions should be provided. Supply sufficient replacement air to make up for air removed by exhaust systems.
Other	Keep an eye wash fountain and safe shower available and in close proximity to work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State:	Liquid
Color:	Slight yellowish
Odor:	Characteristic odor
Odor Threshold:	No test data available
pH:	> 12
Solubility in water:	All component chemicals are soluble in water.

10. STABILITY AND REACTIVITY

Stability	Stable
Incompatibles	Highly reactive with metals. Reactive with oxidizing agents, reducing agents, acids, alkalis, moisture (Sodium Hydroxide).
Decomposition Products	Hazardous decomposition products formed under fire conditions. Carbon dioxide, nitrogen oxides (NO _x), Sulphur oxides, Sodium oxides (Sulfamethazine sodium).
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 Oral – mouse	1,165 mg/kg
Inhalation LC50	no data available
Dermal LD50	no data available
Other information on acute toxicity	no data available
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	no data available
Respiratory or skin sensitisation	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	
IARC:	3 - Group 3: Not classifiable as to its carcinogenicity to humans (4-Amino-N-(4,6-dimethyl-2-pyrimidinyl)benzenesulfonamide)
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
Reproductive toxicity	no data available
Teratogenicity	no data available
Specific target organ toxicity - single exposure (Globally Harmonized System)	no data available



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Specific target organ toxicity - repeated exposure (Globally Harmonized System)

Aspiration hazard	no data available
Potential health effects	no data available
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	Harmful if swallowed.
Skin	Harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Signs and Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Synergistic effects	no data available
Additional Information	RTECS: Not available

12. ECOLOGICAL INFORMATION

Toxicity	no data available
Persistence and degradability	no data available
Bio accumulative potential	no data available
Mobility in soil	no data available
Other adverse effects	no data available

13. DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

15. REGULATORY INFORMATION

Federal and State Regulations	TSCA 8(b) inventory: Sulfamethazine, Sodium Salt
WHMIS	Not WHMIS controlled
EINECS:	This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 217-840-0)
Canada:	Listed on Canadian Domestic Substance List (DSL)

DSCL (EEC)

R22- Harmful if swallowed. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A)

Health Hazard	2
Fire Hazard	1
Reactivity	0
Personal Protection	E

National Fire Protection Association (U.S.A)



**WHMIS (Canada)
(Pictograms)**



**DSCL (Europe)
(Pictograms)**



**TDG (Canada)
(Pictograms)**



**ADR (Europe)
(Pictograms)**



Protective Equipment



Gloves.



Lab coat.



Dust respirator. Be sure to use an approved/certified respirator or equivalent.



Safety glasses.



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16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Alberta Veterinary Laboratory Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Alberta Veterinary Laboratory Ltd. has been advised of the possibility of such damages.

***This product has been classified in accordance with the hazard criteria of the CPR
and the SDS contains all of the information required by the CPR***

Revision Date: 2022-03-16