



**Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine**

**Revision Date:
16 September, 2026**

Section 1. Identification

Product Identity Dimethylaminopropylamine
Other means of identification DMAPA; 1-Amino-3-dimethylamino propane; 1,3-Propanediamine, N,N-dimethyl-; 3-Dimethylaminopropylamine

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

Industrial and laboratory applications

Details of the supplier of the safety data sheet

Company Name Silver Fern Chemical, Inc.
121 W. De La Guerra Street, Suite B
Santa Barbara, CA 93101 USA

info@silverfernchemical.com
Website - www.silverfernchemical.com

24 hour Emergency Telephone No. **Emergency telephone number:**
Infotrac: 1-800-535-5053
Outside USA & Canada +1-352-323-3500

Customer Service: Customer Service: 1-866-282-3384

Section 2. Hazard(s) identification

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



Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine

Revision Date:
16 September, 2026

Flammable Liquid, category 3; H226
Acute toxicity(oral), category 4;H302
Skin corrosion/irritation category 1B;H314

Flammable liquid and vapor.
Harmful if swallowed.
Causes severe skin burns and eye damage.

Serious eye damage / eye irritation, category 1;H318
Skin sensitizer category 1;H317

Causes serious eye damage.
May cause an allergic skin reaction.

Label elements



Danger

H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.

[Prevention]

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking.
P233 Keep container tightly closed.
P235 Keep cool.
P240 Ground and bond container and receiving equipment.



**Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine**

**Revision Date:
16 September, 2026**

P241 Use explosion-proof electrical, ventilating, light, equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe dust, fume, mist, vapors or spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection, face protection.

[Response]

P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER, doctor or physician.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P333+313 If skin irritation or a rash occurs: Get medical advice or attention.
P362+364 Take off contaminated clothing and wash it before reuse.
P363 Wash contaminated clothing before reuse.
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.
P405 Store locked up.

[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



Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine

Revision Date:
16 September, 2026

substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

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
1,3-propanediamine, n,n-dimethyl- CAS Number: 109-55-7 Synonyms: 3-aminopropyldimethylamine	100	Flammable Liquid, category 3;H226 Acute toxicity(oral), category 4;H302 Skin corrosion/irritation category 1B;H314 Skin sensitizer category 1;H317	No data available

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

General In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation 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.

Eyes Rinse with plenty of clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview No specific symptom data available.



**Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine**

**Revision Date:
16 September, 2026**

No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.

Eyes Causes serious eye damage.
Skin May cause an allergic skin reaction. Causes severe skin burns and eye damage.
Ingestion Harmful if swallowed.

Section 5. Fire-fighting measures
--

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Flammable liquid and vapor! Vapors are heavier than air and can travel along the ground to a source of ignition and flashback. Vapors can spread along the ground and collect in low or confined areas. Closed containers may explode due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.

Explosion hazards: Avoid sources of ignition. Vapors may form an explosive mixture with air, especially in confined spaces. Ground and bond containers in storage and when container is in use.



Advice for fire-fighters

Firefighters should wear full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. Firefighters must control runoff to prevent environmental contamination. Notify appropriate authorities of potential fire and explosion hazard if liquid enters sewers or waterways.

ERG Guide No.

132

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).
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.

Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage
--



Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine

Revision Date:
16 September, 2026

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.
Do not breathe vapors or spray mist. Do not get on skin or clothing. Do not get in eyes.
Avoid contact with skin, eyes and clothing. Do not swallow. Ensure adequate ventilation.
Wash thoroughly after handling. Keep away from fire (No Smoking). Keep away from fire, sparks and heated surfaces. Do not use sparking tools.

Conditions for safe storage, including any incompatibilities

Incompatible materials: Any acidic material, ammonia, urea, oxidizable materials and metals such as nickel, copper, tin, aluminum and iron.
Keep container closed when not in use. Store locked up.
Keep product and empty container away from heat and sources of ignition.

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
109-55-7	1,3-propanediamine, n,n-dimethyl-	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Exposure controls

Respiratory	Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
Eyes	Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
Skin	Chemical resistant clothing such as coveralls/apron and boots should be worn. Chemical impervious gloves required.
Engineering	Provide adequate ventilation. Where reasonably practicable this should



Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine

Revision Date:
16 September, 2026

Controls	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	Clear, Colorless
Odor	Amine-like
Odor threshold	No available information
Melting point / freezing point	-94 °F / -70 °C
Initial boiling point and boiling range	275.2 °F / 135.1 °C
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: 1.3 %(V)
Flash Point	86.9 °F / 30.5 °C Method: closed cup
Auto-ignition temperature	217 °C (423 °F)
Decomposition temperature	365 °C (689 °F) 680 kJ/kg, DSC [DIN 51007]
pH	12.2 (68 °F / 20 °C) Concentration: 100 g/l
Kinematic viscosity	1.6 mPa,s (68 °F / 20 °C)
Solubility in Water	Miscible @ 20 °C
Vapor pressure (Pa)	5.9 hPa (68 °F / 20 °C)
Relative Density	0.818 g/cc @ 20 °C
Vapor Density	3.03 [Air = 1]
Partition coeff. n-octanol/water (log POW):	log Pow = -.0352
Evaporation rate (Ether = 1)	No available information



Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine

Revision Date:
16 September, 2026

Oxidising properties
Explosive properties
Molecular Weight

No available information
No available information
102.18 g/mol

Other information

No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

Vapors may form explosive mixtures with air. Hazardous polymerization will not occur.

Conditions to avoid

Avoid high temperatures and contact with incompatible material

Incompatible materials

Any acidic material, ammonia, urea, oxidizable materials and metals such as nickel, copper, tin, aluminum and iron. Oxidizing agents, strong acids.

Hazardous decomposition products

Thermal decomposition products include oxides of carbon and nitrogen oxides (NO_x).

Section 11. Toxicological information

Acute toxicity

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



**Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine**

**Revision Date:
16 September, 2026**

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
1,3-propanediamine, n,n-dimethyl- - (109-55-7)	410.00, Rat - Category: 4	2,396.00, Rabbit - Category: 5	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
109-55-7	1,3-propanediamine, n,n-dimethyl-	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
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:

Inhalation, ingestion, skin contact, and skin absorption.

Symptoms and effects, both acute and delayed:

No specific symptom data available.

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

Eyes Causes serious eye damage.

Skin May cause an allergic skin reaction. Causes severe skin burns and eye damage.

Ingestion Harmful if swallowed.



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
1,3-propanediamine, n,n-dimethyl- - (109-55-7)	122.00, Leuciscus idus	59.50, Daphnia magna	56.20, Desmodesmus subspicatus

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

Section 14. Transport information



Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine

Revision Date:
16 September, 2026



	(Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN2734	UN2734	UN2734
UN proper shipping name	Amines, liquid, corrosive, flammable, n.o.s. (Dimethylaminopropyl amine)	Amines, liquid, corrosive, flammable, n.o.s. (Dimethylaminopropyl amine)	Amines, liquid, corrosive, flammable, n.o.s. (Dimethylaminopropyl amine)
Transport Hazard class(es)	Class: 8 Sub Class: 3	Class: 8 Sub Class: 3	Class: 8 Sub Class: 3
Packing group	II	II	II

Environmental hazards

IMDG Marine Pollutant: No;
Special precautions for user

No available information



Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine

Revision Date:
16 September, 2026

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
0000109-55-7	1,3-propanediamine, n,n-dimethyl-	Yes		ACTIVE

The following flags are used:

- Active - indicates commercial status designation of active
- E - indicates a substance that is the subject of a Section 5(e) Consent Order under TSCA.
- F - indicates a substance that is the subject of a Section 5(f) Rule under TSCA.
- N - indicates a polymeric substance containing no free-radical initiator in its Inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.
- P - indicates a commenced Premanufacture Notice (PMN) substance.
- R - indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
- S - indicates a substance that is identified in a final Significant New Uses Rule.
- SP - indicates a substance that is identified in a proposed Significant New Uses Rule.
- T - indicates a substance that is the subject of a final Section 4 test rule under TSCA.
- UVCB Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials •XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
- Y1 - indicates a polymer that has a number-average molecular weight greater than 1,000 and that was exempt under the 1984 polymer exemption rule.
- Y2 - indicates a polymer that is a polyester and that was exempt under the 1984 polymer exemption rule.

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:

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

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%):



**Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine**

**Revision Date:
16 September, 2026**

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

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

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

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:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Mass RTK Substances (>1%) :

1,3-propanediamine, n,n-dimethyl-

New Jersey RTK Substances (>1%):

1,3-propanediamine, n,n-dimethyl-

Pennsylvania RTK Substances (>1%):

1,3-propanediamine, n,n-dimethyl-

OSHA Process Safety Management Standard Highly Hazardous Chemicals, Toxics and Reactives:

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

US EPA List of Regulated Substances under the Risk Management Plan (RMP) Program:

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

US EPA Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) under the Minimum Risk Exemption:



**Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine**

**Revision Date:
16 September, 2026**

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

U.S. - DEA List II or Essential Chemicals:

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

U.S. - DEA - Exempt Chemical Mixtures - List 1 and 2:

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

US DHS Chemical Facility Anti-Terrorism Standards (CFATS):

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

CERCLA Chemicals and RQs:

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

Section 16. Other information

Revision Date

16 September, 2026

DISCLAIMER OF RESPONSIBILITY

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume damage or expense arising out of or in any way responsibility and expressly disclaim liability for loss, connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.



**Silver Fern Chemical, Inc.
Safety Data Sheet
Dimethylaminopropylamine**

**Revision Date:
16 September, 2026**

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

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

End of Document