Safety Data Sheet
Scopolamine 1 mg/ 3 days TDS

Revision Date:
11 September, 2026

Section 1. Identification

Product Identifier

Product Identity Scopolamine 1 mg/ 3 days TDS

Other means of identification Not Applicable

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

Scopolamine transdermal system with anticholinergic effects indicated for the treatment of nausea and vomiting associated with motion sickness and postoperative nausea and vomiting (PONV).
The concurrent use of scopolamine transdermal system with other drugs that cause CNS adverse reactions of drowsiness, dizziness or disorientation (e.g., sedatives, hypnotics, opiates, anxiolytics and alcohol) or have anticholinergic properties (e.g., other belladonna alkaloids, sedating antihistamines, meclizine, tricyclic antidepressants and muscle relaxants)may potentiate the effects of scopolamine transdermal system.

Details of the supplier of the safety data sheet

Company Name

Manufacturer: LTS Lohmann Therapie-Systeme AG
Lohmannstraße 2, 56626 Andernach, Germany

Abbreviated New DRUG Application Holder:
Rhodes Pharmaceuticals LLC
4701 International Boulevard W. Suite 307
Wilson, NC 27893

Emergency

Customer Service:

Phone: (252) 265 1755
Fax: (252) 265 1777

Section 2. Hazard(s) identification

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

The substance is not classified according to the OSHA Hazcom or WHMIS regulations.

Label elements

The substance is not classified according to the OSHA Hazcom or WHMIS regulations.

Prevention

No GHS prevention statements

Response

No GHS response statements

Storage

No GHS storage statements

Disposal

No GHS disposal statements

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 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
Polyisobutylene **CAS Number: Proprietary** **Synonyms: No available information**	**45 - 70**	**Not Classified**	**No data available**
White mineral oil (petroleum) **CAS Number: 8042-47-5** **Synonyms: No available information**	**10 - 30**	**Aspiration hazard, category 1;H304**	**No data available**
Scopolamine **CAS Number: 114-49-8** **Synonyms: Scopolamine hydrobromide**	**3 - 7**	**Acute toxicity(oral), category 4;H302**	**No data available**
Hexadecanoic acid, 1-methylethyl ester **CAS Number: 142-91-6** **Synonyms: Isopropyl palmitate**	**3 - 7**	**Not Classified**	**No data available**
Povidone (crospovidone) **CAS Number: 9003-39-8** **Synonyms: No available information**	**3 - 7**	**Not Classified**	**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 Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Product intended for skin use, seek medical attention if irritation occurs.

Ingestion If swallowed, obtain immediate medical attention.

Most important symptoms and effects, both acute and delayed

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

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO_2, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ---

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

None needed under normal use.
Use good personal hygiene practices.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Sweep up or pick up.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.
See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: No data available.
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
114-49-8	Scopolamine	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
142-91-6	Hexadecanoic acid, 1-methylethyl ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
8042-47-5	White mineral oil (petroleum)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	Polyisobutylene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
9003-39-8	Povidone (crospovidone)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

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

Exposure controls

Respiratory None needed under normal use.

Eyes Not Defined

Skin None needed under normal use.

Engineering Controls None needed under normal use.

Other Work Practices Use good personal hygiene practices.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State Solid

Color Tan Adhesive Derma Patch

Odor Not Applicable

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	Lower Explosive Limit: Not Available Upper Explosive Limit: Not Available
Flash Point	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
pH	Not Available
Kinematic viscosity	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
Particle Characteristics	Not Available
Evaporation rate (Ether = 1)	Not Available
VOC Content	Not Available

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

No data available.

Conditions to avoid

No data available.

Incompatible materials

No data available.

Hazardous decomposition products

No hazardous decomposition data available.

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
Polyisobutylene - (Proprietary)	No data available.	No data available.	No data available.	No data available.	No data available.
White mineral oil (petroleum) - (8042-47-5)	> 5,000.00, Rat - Category: NA	No data available.	No data available.	No data available.	No data available.
Scopolamine - (114-49-8)	No data available.	No data available.	No data available.	No data available.	No data available.
Hexadecanoic acid, 1-methylethyl ester - (142-91-6)	No data available.	No data available.	No data available.	No data available.	No data available.
Povidone (crospovidone) - (9003-39-8)	No data available.	No data available.	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
114-49-8	Scopolamine	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
142-91-6	Hexadecanoic acid, 1-methylethyl ester	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
8042-47-5	White mineral oil (petroleum)	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
Proprietary	Polyisobutylene	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
9003-39-8	Povidone (crospovidone)	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 3
		ACGIH	No Established Limit

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	---	Not Applicable
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:
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.

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
Polyisobutylene - (Proprietary)	No data available.	No data available.	No data available.
White mineral oil (petroleum) - (8042-47-5)	101.00, Oncorhynchus mykiss	101.00, Daphnia magna	101.00, Pseudokirchneriella subcapitata
Scopolamine - (114-49-8)	No data available.	No data available.	No data available.
Hexadecanoic acid, 1-methylethyl ester - (142-91-6)	No data available.	No data available.	No data available.
Povidone (crospovidone) - (9003-39-8)	> 1,000, Fish	No data available.	> 1,000, Algae

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

Dispose in trash.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
Transport hazard class(es)	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable

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
0000142-91-6	Hexadecanoic acid, 1-methylethyl ester	Yes		ACTIVE
Proprietary	Polyisobutylene	Yes	XU	ACTIVE
0009003-39-8	Povidone (crospovidone)	Yes	XU	ACTIVE
0000114-49-8	Scopolamine	Yes		INACTIVE
0008042-47-5	White mineral oil (petroleum)	Yes	UVCB	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:
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%):
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.

Section 16. Other information

Revision Date 11 September, 2026

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.

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

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

Reviewed & Approved by: IES Engineers
Authored by: Quantum SDS

End of Document