

ALSAN RS LIQUID THIXO

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 03/16/2017

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : ALSAN RS LIQUID THIXO

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

Use of the substance/mixture : Rheology additive

1.3. Details of the supplier of the safety data sheet

Manufacturer:
SOPREMA INC.
310 Quadral Dr.
Wadsworth, OH 44281
Tel: 1-800-356-3521

Distributors:
SOPREMA Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
Tel: 1-819-478-8163

SOPREMA Canada
44955 Yale Road West
Chilliwack (BC) V2R 4H3
CANADA
Tel: 1-604-793-7100

SOPREMA USA
12251 Seaway Road
Gulfport (Mississippi) 39507
UNITED STATES
Tel: 1-228-701-1900

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-434-9300 (Acct.# CCN20515). CANUTEC 1-613-996-6666

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin sensitisation : Category 1

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : H317 - May cause an allergic skin reaction
Precautionary statements (GHS-US) : P261 - Avoid breathing dust, fume, gas, mist, spray, vapors
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves
P302+P352 - If on skin: Wash with plenty of soap and water
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse
P501 - Dispose of container in accordance with local, regional or national regulations

2.3. Other hazards

No additional information available

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2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
4-Morpholinecarboxaldehyde	(CAS No) 4394-85-8	>=57 - < 58
lithium chloride	(CAS No) 7447-41-8	>= 2 - < 3

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
- First-aid measures after inhalation : Allow the victim to rest. Remove person to fresh air and keep comfortable for breathing. Remove the victim into fresh air.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Immediately flush with plenty of water for at least 20 minutes. Get medical aid.
- First-aid measures after ingestion : Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide.
- Unsuitable extinguishing media : No unsuitable extinguishing media known.

5.2. Special hazards arising from the substance or mixture

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Advice for firefighters

- Firefighting instructions : Will not explode on mechanical impact. Cool closed containers exposed to fire with water spray.
- Protection during firefighting : In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate respirator if in a confined area.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate respirator if in a confined area.
- Emergency procedures : Ventilate area. Stop leak if safe to do so. Stop release.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid contact with skin and eyes. Avoid breathing dust, fume, gas, mist, spray, vapors.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep in a dry, cool and well-ventilated place.

Incompatible products : Oxidizing agents.

Incompatible materials : Oxidizing agents.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Appropriate engineering controls : Use with local exhaust ventilation.

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear nitrile gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Clean long legged, long sleeved work clothes. If splashing is possible, wear chemically resistant protective clothing.

Respiratory protection : If handling heated or misted product in a poorly ventilated area, wear a properly fitted respirator (NIOSH) during exposure.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Pale yellow or light brown oily liquid.

Color : Light yellow-brown

Odor : characteristic

Odor threshold : No data available

pH : No data available

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : ≈ 0 °C

Freezing point : No data available

Boiling point : ≈ 244 °C

Flash point : ≈ 118 °C

Auto-ignition temperature : > 200 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapor pressure : ≈ 1 hPa

Relative vapor density at 20 °C : No data available

Specific Gravity : No data available

Density : ≈ 1.18 g/cm³

Solubility : Insoluble in water.

Log Pow : No data available

Log Kow : No data available

Viscosity, kinematic : No data available

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Viscosity, dynamic	: ≈ 3800 mPa.s
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

VOC content : < 20 g/L as applied

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable; polymerization will not occur

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure : Inhalation, ingestion, eyes, skin absorption and skin contact.

Acute toxicity ALSAN RS LIQUID THIXO : Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method

4- Morpholinecarboxaldehyde (4394-85-8)	
LD50 oral rat	LD50 (Rat): > 7,360 mg/kg
LD50 dermal rabbit	LD50 (Rabbit): > 18,400 mg/kg Method: OECD Test Guideline 402

lithium chloride (7447-41-8)	
LD50 oral rat	526 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	Acute Dermal Toxicity; >2000 mg/kg bodyweight;
LC50 inhalation rat	(Rat): 6 mg/l

Skin corrosion/irritation- product : Not classified
7447-41-8 Lithium chloride [LiCl] : Species: Rabbit
Result: Moderate skin irritation

Serious eye damage/irritation - product : Not classified
7447-41-8 Lithium chloride [LiCl] : Species: Rabbit
Result: Eye irritation

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity :

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Repeated dose toxicity : No known chronic health effects.

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Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Experience with human exposure :

Product:		
Inhalation	Symptoms:	High concentrations of heated vapors may irritate the respiratory tract and mucous membranes.
Skin contact	Symptoms:	Contact may cause irritation and sensitization.
Eye contact	Symptoms:	Contact may cause irritation.
Ingestion	Symptoms:	Ingestion will probably cause irritation of the digestive tract.

SECTION 12: Ecological information

12.1. Ecotoxicity

Product:	
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available

12.2. Persistence and degradability

Product:	
Persistence and degradability	No data available

12.3. Bioaccumulative potential

Product:	
Bioaccumulative potential	No data available

12.4. Mobility in soil

Product:	
Ecology - soil	No data available

12.5. Other adverse effects

Effect on ozone layer : No data available

Effect on the global warming : No known ecological damage caused by this product.

Other information :	Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
	Regulation	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
	Remarks	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
	Additional ecological information	No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

EPA Hazardous Waste Code(s) : Not applicable

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

49 CFR

Not regulated as a dangerous good

Container sizes: 55 gallon drums, 5 or 6-gallon pails, 2oz/16oz samples

Additional information

Other information : No supplementary information available.

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ADR

Transport document description :

Transport by sea

Not regulated as a dangerous good

Air transport

Not regulated as a dangerous good

SECTION 15: Regulatory information

15.1. US Federal regulations

US. EPA CERCLA Hazardous Substances (40 CFR 302)	This material does not contain any components with a CERCLA RQ.
SARA 304 - Emergency Release Notification	This material does not contain any components with a section 304 EHS RQ.
US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)	This material does not contain any components with a SARA 302 RQ.
SARA 311/312 Hazards	Acute Health Hazard
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act	This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
TSCA	We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements per 40 CFR 720.30(h).
Section 4 / 12(b)	Not applicable
Section 5	Not applicable
DSL	We certify that all of the components of this product are listed on the DSL.

15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.2.2. National regulations

15.3. US State regulations

Product:	
U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
Massachusetts Right To Know	No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know	4-Morpholinecarboxaldehyde 4394-85-8 Modified urea
New Jersey Right To Know	4-Morpholinecarboxaldehyde 4394-85-8 Modified urea - Lithium chloride [LiCl] 7447-41-8
New Jersey Trade Secret Registry Number for the product (NJ TSRN)	800963-5517
CONEG Heavy Metal	We confirm that we use packaging and/or packaging components in which the sum of the

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Product:	
	incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

SECTION 16: Other information

Revision date : 03/16/2017
Other information : None.

Full text of H-phrases::

H317	May cause an allergic skin reaction
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SDS US (GHS HazCom 2012) - Custom

This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada).

The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.