

1. Product and Company Identification

Product Code: RT410S
Product Name: Spray Gel
Company Name: Refrigeration Technologies
1111 N Armando St
Anaheim, CA 92806
Phone Number: (714)238-9207
Web site address: www.refrig.com
Emergency Contact: Chemtel (888)255-3924
Recommended Use: Heat Blocking Gel
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

GHS Signal Word:
GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
Potential Health Effects (Acute and Chronic): Chronic: None.
Inhalation: No hazard expected in normal industrial use.
Skin Contact: Non-irritating to the skin.
Eye Contact: Non-irritating to the eyes.
Ingestion: No hazard expected in normal industrial use.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
53320-86-8	Silicic acid, lithium magnesium sodium salt	1.0 -2.0 %
11138-66-2	Xanthan gum	0.1 -0.5 %
4719-04-4	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	0.0 -0.1 %
7732-18-5	Water	Balance

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

In Case of Skin Contact: No specific treatment is necessary, since this material is not likely to be hazardous.

In Case of Eye Contact: No specific treatment is necessary, since this material is not likely to be hazardous.

In Case of Ingestion: No specific treatment is necessary, since this material is expected to be non-hazardous.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NP Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NP

Suitable Extinguishing Media: Not available.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Precautions To Be Taken in Handling: No special handling procedures are required.

Precautions To Be Taken in Storing: No special storage requirements.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
53320-86-8	Silicic acid, lithium magnesium sodium salt	No data.	No data.	No data.
11138-66-2	Xanthan gum	No data.	No data.	No data.
4719-04-4	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	No data.	No data.	No data.
7732-18-5	Water	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Respirator protection is not normally required.

Eye Protection: Eye protection is not normally required.

Protective Gloves: Protective garments not normally required.

Other Protective Clothing: Protective garments not normally required.

Engineering Controls (Ventilation etc.): There are no special ventilation requirements.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Clear colorless liquid with no odor.

Melting Point: NA

Boiling Point: 100.00 C

Autoignition Pt: NP

Flash Pt: NP Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Specific Gravity (Water = 1): ~ 1.000

Density: ~ 8.34 lbs/gal

Bulk density: NA

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Evaporation Rate: NE

Solubility in Water: 100% soluble

Saturated Vapor Concentration: NE

Viscosity: gel

pH: 10-11

Percent Volatile: No data.

VOC / Volume: 0.0000 G/L

Particle Size: NA

Heat Value: NA

Corrosion Rate: NA

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: None.

Hazardous Decomposition Or Byproducts: None.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: Epidemiology: No data available.
 Teratogenicity: No data available.
 Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:
Carcinogenicity/Other Information: CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
53320-86-8	Silicic acid, lithium magnesium sodium salt	n.a.	n.a.	n.a.	n.a.
11138-66-2	Xanthan gum	n.a.	n.a.	n.a.	n.a.
4719-04-4	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	n.a.	n.a.	n.a.	n.a.
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of according to all federal, state and local applicable regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

15. Regulatory Information

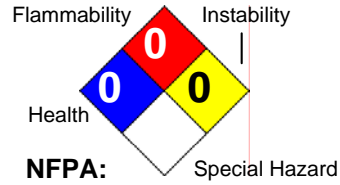
EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
53320-86-8	Silicic acid, lithium magnesium sodium salt	No	No	No
11138-66-2	Xanthan gum	No	No	No
4719-04-4	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	No	No	No
7732-18-5	Water	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
53320-86-8	Silicic acid, lithium magnesium sodium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
11138-66-2	Xanthan gum	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
4719-04-4	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: No
7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

16. Other Information

Hazard Rating System:



Revision Date:

09/21/2016

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.