



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

Safety Data Sheet SPI-386

1. Identification

Product name SPI-386
Other means of identification
Chemical name No information available
Recommended use No information available
Recommended restrictions No information available

Manufacturer/Importer/Supplier/Distributor information
Company name Silicones Plus, Inc.
Address 326 Exchange Drive
Arlington, Texas 76011
Phone 817-469-7777
Website <http://siliconesplus.com/>
E-mail andrew@siliconesplus.com or carla@siliconesplus.com
Emergency phone number CHEMTREC within US & Canada 1-800-424-9300
CHEMTREC outside US & Canada +1 703-527-3887

2. Hazard(s) identification

Classification
Hazards Pictogram:



Acute Tox. 4 H302 Harmful if swallowed.
Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

Signal Word: Warning
Hazard-determining components of labeling:
Benzododecinium Chloride
Hazard statements: Harmful if swallowed or if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
Precautionary statements: Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.
Wear eye protection / face protection.



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

If in eyes: Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Rinse cautiously with water for several minutes.

IF SWALLOWED: Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER/doctor if you feel unwell.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If skin irritation occurs: Get medical advice/attention. Rinse mouth.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.

Storage: Store locked up.
Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Toxicity: Unknown acute toxicity:
70% of the mixture consists of component(s) of unknown toxicity.

Hazards Not Otherwise Classified (HNOC)
Not Applicable

Other Information: No other information noted.

3. Composition/information on ingredients

Non-Hazardous Components

64365-23-7	Dimethicone Copolyol	60-70%
7732-18-5	Water, distilled water, deionized water	5-15%
139-08-2	Miristalkonium Chloride	2-7%

Chemical Characterizations: Mixtures

Description: Mixture, consisting of the following components

Hazardous Components

139-07-1	Benzododecinium Chloride	Acute Tox. 4, H302; Acute Tox. 4, H312	5-15%
7732-18-5	Triethoxyoctylsilane	Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<1.5%

4. First-aid measures

General: Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

Skin contact: Immediately wash skin with soap and plenty of water for at least 15 minutes.
Remove contaminated clothing and wash before reuse.
Get medical attention if symptoms occur.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion: If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

Notes to the physician:

Hazards: No specific recommendations.
Treatment: Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Specific Hazards Arising from product Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Additional information: Cool endangered receptacles with water spray.

6. Accidental release measures

Personal precautions: Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Containment and Cleanup Ensure adequate ventilation. Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13.

Reference to other sections: See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

Handling: Avoid breathing dust, vapor, or mist. Avoid contact with skin or clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling.

Storage: Keep container closed when not in use. Protect from freezing. Stir before using.

8. Exposure controls/personal protection

Exposure limits: None of the components have assigned exposure limits.

Exposure Controls: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Where acceptable concentrations cannot be maintained by general mechanical ventilation, local exhaust ventilation is recommended.

Engineering controls: Showers and Eyewash stations

Protective Measures: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing and wash before reuse.



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

	Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Respiratory Protection:	Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.
Eye protection:	Wear approved safety glasses.
Skin and Body Protection:	It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing and gloves.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance

Physical State:	Liquid
Color:	Amber
Odor:	Slight
Odor Threshold:	No information available
pH:	5-7
Freezing point:	No information available
Boiling Point:	> 100 °C / 212 °F
Flash Point:	> 93.33 °C / > 200 °F
Evaporation Rate:	No information available
Flammability (solid, gas):	No information available
Flammability Limit - Upper (%)-:	No information available
Flammability Limit - Lower (%)-:	No information available
Vapor pressure:	No information available
Vapor density (air=1):	No information available
Density:	0.98 g/cm ³ (8.178 lbs/gal)

Solubility(ies)

Solubility in Water:	Fully miscible
Partition coefficient (n-octanol/water):	No information available
Autoignition Temperature:	Product is not self-igniting
Decomposition Temperature:	No information available
Viscosity:	< 500 cP
Explosive properties:	Product does not present an explosion hazard.
Oxidizing properties:	No information available
Solvent Content:	
Organic Solvents:	0.4%
Water:	13.2%
VOC Content:	0.4%
Solids Content:	5.2%

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Conditions to avoid:	Extremes of temperature and direct sunlight.



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

Incompatible materials: Oxidizing agents, Reducing agents.
Thermal Decomposition: Carbon oxides, nitrogen oxides (NOx), sulfur oxides and other potentially toxic fumes
Hazardous Decomposition Products: No dangerous decomposition products known.

11. Toxicological information

Information on Likely Routes of Exposure

Product information: No data available.
Inhalation: No data available.
Eye Contact: No data available.
Skin Contact: No data available.
Ingestion: No data available.

Information on Toxicological Effects

Acute Toxicity

LD/LC50 values that are relevant for classification:

139-07-1 Benzododecinium Chloride		
Oral	LD50	400 mg/kg (rat)
Dermal	LD50	1,560 mg/kg (rat)

Primary Irritant Effect:

On the Skin: Irritant to skin and mucous membranes
On the Eye: Irritating Effect

Additional Toxicological Information:

The product shows the following dangers according to internally approved calculation methods for preparation: Harmful, Irritant

Carcinogenic Categories:

IARC (International Agency for Research on Cancer):

67-63-0	Isopropyl Alcohol	3
100-44-7	A-Chlorotoluene	2A

NTP (National Toxicology Program): None of the ingredients are listed.
OSHA Ca (Occupational Safety & Health Administration):
None of the ingredients are listed.

12. Ecological information

Toxicity: Toxic to aquatic life
Persistence and degradability: Ecological Data for Dodecyldimethylbenzylammonium Chloride
Biodegradation: Aerobic, 78 %, Exposure time: 14 Days
Bioaccumulative potential: No information available
Mobility in Soil: No information available
General Notes: Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.
Results of PBT & vPvB Assessments: Not Applicable
Other Adverse Effects: No information available

13. Disposal considerations



326 Exchange Drive
 Arlington, Texas 76011
 817-469-7777

Waste Treatment Methods

Disposal of wastes: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.

Contaminated Packaging: Disposal must be made according to official regulations.

Recommended Cleaning Agent: Water, if necessary with cleansing agents.

14. Transport information

DOT	NOT REGULATED
IATA	NOT REGULATED
IMDG	NOT REGULATED
TDG	NOT REGULATED
MEX	NOT REGULATED
ICAO (air)	NOT REGULATED
RID	NOT REGULATED
ADR	NOT REGULATED
ADN	NOT REGULATED

15. Regulatory information

US Federal Regulations

Section 355 (Extremely Hazardous Substances):	100-44-7	a-chlorotoluene
Section 313 (Specific Toxic Chemical Listings):	67-63-0	Isopropyl Alcohol
	100-44-7	a-chlorotoluene
TSCA	All Ingredients Listed	

California Proposition 65:

Chemicals known to cause cancer	100-44-7	a-chlorotoluene
Chemicals that cause reproductive toxicity for females:	No ingredients listed	
Chemicals that cause reproductive toxicity for males:	No ingredients listed	
Chemicals that cause developmental toxicity:	No ingredients listed	

Carcinogenic Categories

EPA (Environmental Protection Agency)

100-44-7	A-Chlorotoluene	B2
----------	-----------------	----

TLV (Threshold Limit Value established by ACGIH):

67-63-0	Isopropyl Alcohol	A4
100-44-7	A-Chlorotoluene	A4

OSHA Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

GHS Label Elements

The product is classified and labeled according to GHS

National Regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

State Right to Know

CAS: 64365-23-7	Dimethicone Copolyol	65-75%
CAS: 7732-18-5	Water, Distilled Water, Deionized Water	5-15%
CAS: 139-07-1	Benzododecinium Chloride Acute Tox. 4, H302; Acute Tox. 4, H312	5-15%
CAS: 139-08-2	Miristalkonium Chloride	2-7%
CAS: 2943-75-1	Triethoxyoctylsilane Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<1.5%
CAS: 67-63-0 RETECS: NT 8050000	Isopropyl Alcohol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	<0.5%
CAS: 1310-73-2	Sodium Hydroxide Skin Corr. 1A, H314	<0.1%
CAS: 100-44-7 RETECS: XS 8925000	a-chlorotoluene Flam. Liq. 3, H226; Acute Tox. 3, H331; Carc. 1B, H350; STOT RE 2, H373; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335	<0.1%

All ingredients are listed

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. Other information, including date of preparation or last revision

HMIS Hazard ID

Health Hazards 2 Flammability 1 Instability 0

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

NFPA Hazard ID

Health Hazards 2 Flammability 1 Physical Hazards 0

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Revision

Revision Information:

Issue date: 1/5/2016

SDS No.:

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment