

**SAFETY DATA SHEET**

**SECTION 1 – IDENTIFICATION AND COMPANY DETAILS**

**Product name:** SILICONE DEFOAMER, 5%

For Industrial Use Only

**Manufacturer name:** Contechem Inc.

**Address:** 10761 N Lombard  
Portland, OR 97203

**Telephone number:** (503) 283-3021

**Emergency number:** (800) 424-9300 (Chemtrec 24 Hour)

**Fax number:** (503) 283-0689

**Email address:** contechem@contechem.com

**Revision date:** March 1, 2017

**EPA Registration:** Not applicable

**SECTION 2 – HAZARDOUS IDENTIFICATION**

**Signal Word:** WARNING!

- MAY BE TOXIC TO AQUATIC LIFE

**Precautionary Statements:**

- May cause eye irritation—wear appropriate eye protection when handling.
- Product spills are extremely slippery: prevent foot traffic in area of spill.
- Prevent spills from contaminating natural waterways.

**Non-Classified Hazards:** None

**HMIS Classification**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS No.</b>	<b>% [weight]</b>
Hydrophobic Silica	67762-70-7	< 5

**SECTION 4 – FIRST AID MEASURES**

**Following inhalation:** Move person to fresh air.

**Following skin contact:** Wash skin with soap and water. Obtain medical attention if irritation develops.

**Following eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Obtain medical attention if irritation develops.

**Following ingestion:** Ingestion may result in gastrointestinal discomfort. Call a poison control center or doctor for treatment advice. Have person drink 2 to 3 glasses of water if able to swallow. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information call 1-877-283-3021, M-F 8:00am-4:30pm pst, Chemtrec 24 hours, 1-800-424-9300, or your local poison control center.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide, dry chemical or foam

**Special hazards arising from the substance or mixture:** Thermal decomposition may produce hazardous CO, fumes and particulate silica. Wear self-contained breathing apparatus

**Advice for fire-fighters:** Use SCBA with full face shield.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Protective equipment:** Rubber gloves and safety glasses should be worn when handling product. General room ventilation is expected to be satisfactory.

**Environmental precautions:** Surfaces may become slippery after spilling.

**For containment:** Contain large spills with absorbent diking material such as sawdust and recover for reuse when possible.

**For cleaning up:** Use absorbent material to pick up small spills.

**Waste disposal:** Place waste in closed containers and dispose of in accordance with federal, state and local regulations.

## SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** Wear protective eyewear (goggles, face shield or safety glasses). Wear rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

**Conditions for safe storage:** Store in a cool, dry area. Keep from freezing. Keep container closed when not in use. Keep out of reach of children.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye/ Face protection:** Wear protective eyewear (goggles, face shield or safety glasses).

**Skin protection:** Applicators should wear gloves.

**Respiratory protection:** No special requirements are needed for this material. Use general ventilation.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Opaque white to off-white liquid

**Odor:** Mild, characteristic

**Specific Gravity:** 1.0 g/cc

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<b>Density:</b>	8.329 lb/gal
<b>Water Solubility:</b>	Dispersible
<b>Boiling Point:</b>	Approximately 212°F
<b>pH, Neat:</b>	7.0-8.5
<b>pH, 1% Solution:</b>	No data available
<b>Flash Point:</b>	>200°F (TCC)
<b>Viscosity:</b>	1,000-1,500 cps
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Physical Hazard:</b>	This product contains no hazardous ingredients

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## SECTION 10 – STABILITY AND REACTIVITY

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**Chemical stability:** Stable

**Possibility of hazardous reactions:** Oxides of carbon and silicone on burning

**Incompatible materials:** Strong oxidizing agents

**Hazardous polymerization:** Will not occur

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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Product is composed of food-grade ingredients.

\*Toxicity values are estimated.

- Acute oral toxicity: LD<sub>50</sub>, rat = > 5,000 mg/kg
- Acute dermal toxicity: LD<sub>50</sub>, rabbit = > 5,000 mg/kg

**Acute toxicity:**

This product contains no hazardous ingredients

**Skin corrosion/irritation:** Prolonged contact with skin may cause a transitory irritation because of defatting action of emulsifiers in products.

**Serious eye damage/irritation:** May cause irritation to the eyes experienced as discomfort or pain with excess blinking or tear production and redness or swelling of the conjunctiva.

**Ingestion:** May cause nausea, vomiting and diarrhea.

**Carcinogenicity:** Not listed as a carcinogen by IARC, NTP or OSHA.

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## SECTION 12 – ECOLOGICAL INFORMATION

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a. Aquatic Toxicity (estimated)

Fathead minnow, 96 hr LC<sub>50</sub>, = > 500 mg/l

Daphnia magna, 48 hr EC<sub>50</sub>, = > 10 mg/l

Based on these test results, this product is expected to be slightly toxic to fish and moderately toxic to aquatic invertebrates. Prevent spills from entering natural waterways and sewer systems.

b. Biodegradability

No specific biodegradability data have been determined for this product.

c. Environmental Fate

This product would be gradually dispersed and biologically degraded in natural waterways and soil. The organic components are not anticipated to resist natural degradation or bioaccumulate.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste treatment methods:** Place waste in closed containers and dispose of in accordance with federal, state and local regulations.

**Packaging disposal:** Triple rinse (or equivalent). Then offer for recycling/reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## SECTION 14 – TRANSPORT INFORMATION

**Land transport (US DOT)**

**UN No.:**

**Proper shipping name:** Not DOT Regulated

**Class(es):**

**Classification code:**

**Packing group:**

**Hazard label(s):**

**Marine pollutant:** No

## SECTION 15 – REGULATORY INFORMATION

This product is intended for industrial use only. Keep away from children.

<u>Regulation</u>	<u>Applicable</u>	<u>Notes</u>
OSHA Hazardous Material	No	
CERCLA Reportable Spill Quantity (RQ)	No	
EPCRA Section 302 Extremely Hazardous Substance	No	
EPCRA Section 311 Hazardous Material	No	
EPCRA Section 312 Hazardous Chemical Inventory	No	
EPCRA Section 313 Toxic Chemical	No	

## SECTION 16 – OTHER INFORMATION

The information on this Safety Data Sheet reflects the latest information and data available to Contechem Inc. on the hazards, properties and handling of this product under the recommended conditions of use. The use of this product being beyond the control of Contechem Inc., no warranty express or implied is made if not used in accordance with directions or established safe practices.