

**SILICONES, INC.**  
**SAFETY DATA SHEET**

**DBTL**

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**SECTION 1 - IDENTIFICATION**

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Product Name: DBTL

Company name of supplier: Silicones, Incorporated

Address : P. O. Box 363  
211 Woodbine Street  
High Point, NC 27261

Telephone: 336-886-5018

Emergency telephone: CHEMTREC  
800-424-9300

Recommended use: Industrial use only.

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**SECTION 2 - HAZARDS IDENTIFICATION**

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Classification (GHS-US):  
Skin Irrit. 2 H315  
Skin Sens. 1 H317  
Muta. 2 H341  
Repr. 18 H360  
STOT SE 1 H370  
STOT RE 1 H372



Signal word: Danger

Hazard Statements: H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H341 Suspected of causing genetic defects.  
H360 May damage fertility or the unborn child.  
H370 Causes damage to organs.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements: P201 Obtain special instructions before use.  
P202 Do not handle until all safety instructions have been read and understood.  
P260 Do not breathe dust/gas/mist/vapors/spray.  
P264 Wash hands, forearms, and other exposed areas thoroughly after handling.

- P272 Contaminated work clothing should not be allowed out of the work place.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing, eye protection, face protection, respiratory protection.
- P281 Use personal protective equipment as required.
- P307+P311 If exposed: Call a POISON CENTER or doctor/physician.
- P302+ P352 If on skin: Wash with plenty of soap and water.
- P308 If exposed or concerned: Get medical advice/attention.
- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see section 4.)
- P332+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.
- P405 Store locked up.
- P501 Dispose of contents/container according to local, regional, and national regulations.

Other hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits toxic fumes.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Dibutyltin dilaurate	77-58-7	0.1 mg/m <sup>3</sup> (as tin)

### SECTION 4 – FIRST AID MEASURES

General: Never give anything by mouth to an unconscious person. If exposed or concerned: Get medical advice/attention.

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin contact: Remove contaminated clothing. Gently wash any exposed skin with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER if you feel unwell. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing for at least 60 minutes. Seek medical attention immediately.

Ingestion: Rinse mouth. Do NOT induce vomiting. If Swallowed: Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed:

General: Causes damage to organs. Causes skin irritation. May cause an allergic skin reaction. May damage fertility. May cause eye irritation. Suspected of causing genetic defects.

Inhalation: Inhalation may cause respiratory irritation.

Skin Contact: May cause an allergic skin reaction. Causes skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

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Chronic Symptoms: May damage fertility. May damage the unborn child. Suspected of causing genetic defects.

Causes damage to organs through prolonged or repeated exposure.

Indication of Any Immediate Medical Attention and Special Treatment Needed:

If exposed or concerned, get medical advice and attention.

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## **SECTION 5– FIRE-FIGHTING MEASURES**

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Suitable extinguishing media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable extinguishing media: Do not use a heavy water stream. Use of heavy water stream may spread fire.

Special Hazards Arising From the Substance or Mixture:

Fire Hazard: Not considered flammable but may burn at high temperature.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters:

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, tin oxides.

Other Information: Do not allow product to be released in to the environment. Fire may produce irritating or toxic gases. Corrosive vapors. Do not allow run-off from fire-fighting to enter drains or water courses.

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## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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General Measures: Use only outdoors or in a well-ventilated area. Do NOT breathe vapors, mist, or spray. Avoid all eye and skin contact. Do not allow product to spread in to the environment.

Protective Equipment: Use appropriate personal protective equipment (PPE.)

Emergency Procedures: Evacuate unnecessary personnel. Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Materials for Clean Up:

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Cautiously neutralize any spilled liquid.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Do not take up in combustible materials such as sawdust or cellulose. Contact competent authorities after a spill. Cautiously neutralize any spilled liquid.

## **SECTION 7 – HANDLING AND STORAGE**

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### Precautions for Safe Handling:

When heated to decomposition, emits toxic fumes, flammable gas, and corrosive vapors.

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with soap and water before eating, drinking or smoking and again when leaving work. Do not eat, drink, or smoke when using this product. Wash hands and forearms thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the work place.

### Conditions for Safe Storage:

Storage Conditions: Store in a cool, dry and well ventilated place. Keep container closed when not in use. Keep away from extremely high or low temperatures, ignition sources, direct sunlight, and incompatible materials.

Incompatible Materials: Strong acids, strong bases, and strong oxidizers.

For industrial use only.

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## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Exposure limits: USA, OSHA: 0.1 mg/m<sup>3</sup> (as tin)

Appropriate Engineering Controls: Ensure all national/local regulations are observed. Emergency eyewash fountain and shower should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, esp. in confined areas. Alarm detectors should be used when toxic gases may be released.

Personal Protective Gear: Protective goggle, face shield, rubber/chemical resistant gloves.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Chemically resistant gloves.

Eye Protection: Chemical goggles or face shield.

Respiratory Protection: Use NIOSH-approved chemical respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

Other Information: Do not eat, drink, or smoke while using product.

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## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance: Yellow liquid.

Odor: Characteristic

Odor threshold: No data available

Relative Density: 1.05

Melting point/freezing point: No data available

Initial boiling point/boiling range: No data available

Flammability (solid, gas): Not applicable

Lower flammability limit: No data available

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Upper flammability limit: No data available

Flash point: 112 °C (234 °F)

Auto ignition temperature: No data available

Decomposition temperature: No data available

Vapor pressure: No data available

Vapor density: No data available

pH: Not applicable

Solubility in water: Insoluble

Partition coefficient, n-octanol/water: No data available

Evaporation rate: No data available

Explosive properties: Not explosive

Oxidizing properties: Not an oxidizing material

Viscosity: 35-60 cps

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## SECTION 10 – STABILITY AND REACTIVITY

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Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable at standard temperature and pressure.

Hazardous polymerization: Will not occur.

Conditions to avoid: Direct sunlight, extremely high or low temperatures, open flame, overheating, heat, sparks, ignition sources.

Incompatible materials: Strong bases, strong acids, oxidizing materials

Hazardous decomposition products: Carbon monoxide, carbon dioxide, tin oxides. May release flammable gases. May release toxic and corrosive vapors.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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Acute Toxicity: Not classified

LD50 and LC50 Data:

ATE US >2000 mg/kg body weight

LD50 (dermal) >2000 mg/kg body weight

Skin contact: Causes skin irritation.

Eye contact: May cause eye irritation.

Germ cell Mutagenicity: Suspected of causing genetic defects.

Teratogenicity: May cause birth defects.

Carcinogenicity: Not a carcinogen, based on available data.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.

Specific Target Organ Toxicity (Single Exposure): Causes damage to organs,

Reproductive Toxicity: May damage fertility or the unborn child.

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Aspiration Hazard: Not classified.

Ingestion: Likely to be harmful or have adverse effects.

Symptoms/Injuries After Inhalation: Inhalation may cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Causes skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

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## **SECTION 12 – ECOLOGICAL INFORMATION**

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Ecology – General: Very toxic to aquatic life with long lasting effects.  
EC50 Daphnia 1: 1.9 – 3.8 mg/l (Daphnia magna) (48 hours)

Persistence and Degradability: Not readily biodegradable. May cause long term effects in the environment.  
Other Information: Avoid release to the environment.

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## **SECTION 13 – DISPOSAL CONSIDERATIONS**

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Dispose of waste material in accordance with all federal, state, and local environmental control regulations. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

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## **SECTION 14 – TRANSPORT INFORMATION**

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DOT: Not regulated for transport.

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## **SECTION 15 – REGULATORY INFORMATION**

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Toxic Substances Control Act (TSCA): All ingredients in this material are included on or exempt from listing on the TSCA Inventory of Chemical Substances.

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## **SECTION 16– OTHER**

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HMIS III Rating

Health: 2 Moderate Hazard  
Flammability: 1 Slight Hazard  
Physical: 0 Minimal Hazard

Version: 1.0  
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Prepared by: DJ