

Issue date 17-Jun-2015 Revision date 20-May-2015 Version 1

1. Identification**Product Identifier**

Product name QSil DBT

Other means of identification**Recommended use of the chemical and restrictions on use**

Recommended use Industrial silicone elastomer.

Application FOR INDUSTRIAL USE ONLY Details of the Supplier of the Safety Data Sheet**Supplier**Vinyl Pro
1935 Davis Lane
Marietta, GA 30067**Emergency Telephone Number**Company Phone Number (770) 933-8299 (8AM - 5PM EST) Emergency telephone Chemtrec
1-800-424-9300**2. Hazards Identification****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 2
Acute toxicity - Dermal	Category 3

Label Elements**EMERGENCY OVERVIEW****DANGER****hazard statements**FATAL IF SWALLOWED
Toxic in contact with skin**Appearance** Viscous liquid **Physical State** Liquid **Odor** Negligible**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

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Specific treatment (see Section 4)
IF ON SKIN: Wash with plenty of soap and water
Call a POISON CENTER or doctor/physician if you feel unwell
Remove/Take off immediately all contaminated clothing
Wash contaminated clothing before reuse
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Rinse mouth

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

Not Applicable

OTHER INFORMATION

Not Applicable.

3. Composition/information on Ingredients

Substance

Not Applicable

Mixture

Chemical name	CAS No	weight-%	Trade sec
Dibutyltin Dilaurate	77-58-7	60 - 100	*

4. First aid measures

Description of first aid measures

General Advice Immediate medical attention is required.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.

Skin Contact Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

INHALATION Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

INGESTION Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water.

Self-Protection of the First Aider Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. **Most**

Important Symptoms and Effects, Both Acute and Delayed

Symptoms No information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Keep victim warm and quiet. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

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5. Fire-fighting measures

Suitable Extinguishing Media

Dry chemical, CO2 or water spray. Dry chemical, CO2, alcohol-resistant foam or water spray. Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

OTHER INFORMATION Do not get water inside containers or in contact with substance. **Environmental**

Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

Methods for Cleaning Up Cover liquid spill with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray.
Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible materials Incompatible with strong acids and bases. Interaction with strong bases can cause liberation of hydrogen.

8. Exposure Controls/Personal Protection

Control Parameters

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Ingredients with workplace exposure parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dibutyltin Dilaurate 77-58-7	STEL: 0.2 mg/m ³ Sn TWA: 0.1 mg/m ³ Sn S*	TWA: 0.1 mg/m ³ Sn (vacated) TWA: 0.1 mg/m ³ Sn (vacated) S*	IDLH: 25 mg/m ³ Sn TWA: 0.1 mg/m ³ except Cyhexatin Sn

NIOSH IDLH Immediately Dangerous to Life or Health

OTHER INFORMATION Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate Engineering Controls

Engineering controls Showers
Eyewash stations

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tight sealing safety goggles.

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection No protective equipment is needed under normal use conditions.

General hygiene considerations When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State Liquid

Appearance Viscous liquid **Odor** Negligible **Color** Light yellow **Odor threshold** No information available

Property VALUES Remarks•Method

pH No information available

Melting point / Freezing point No information available

Boiling point / Boiling range > 250 °C / 482 °F

Flash point > 232 °C / > 450 °F CC (closed cup) **Evaporation rate** No information available

Flammability (solid, gas) No information available

Flammability limit in air

Upper flammability limit: No information available

Lower flammability limit: No information available

Vapor pressure No information available

Vapor density No information available

Relative density No information available

Water solubility No information available

Solubility in other solvents No information available

Partition coefficient No information available

Autoignition temperature No information available

Decomposition temperature No information available

Kinematic viscosity No information available

Dynamic viscosity 50 cps

Explosive properties Not an explosive

Oxidizing properties This product is not an oxidizing agent

OTHER INFORMATION

Softening point No information available

Molecular weight No information available

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VOC content (%) No information available

Density 1.05

Bulk density No information available

10. Stability and Reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

hazardous polymerization No information available.

Conditions to avoid

No information available.

Incompatible materials

Incompatible with strong acids and bases. Interaction with strong bases can cause liberation of hydrogen.

Hazardous decomposition products

None known based on information supplied.

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.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Dibutyltin Dilaurate 77-58-7	= 175 mg/kg (Rat) = 45 mg/kg (Rat)	= 630 mg/kg (Rabbit)	-

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization No information available.

Germ Cell Mutagenicity No information available.

carcinogenicity The table below indicates whether each agency has listed any ingredient as acarcinogen. This product contains one or more substances which are classified by IARCas carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

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Reproductive Toxicity No information available.

STOT - Single Exposure No information available.

STOT - Repeated Exposure No information available.

Chronic Toxicity May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

Target organ effects EYES, Lungs, Respiratory System, Blood, Central Nervous System, Kidney, Liver, skin, Urinary tract.

Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 45.00 mg/kg

ATEmix (dermal) 630.00 mg/kg

12. Ecological Information

This product contains a chemical which is listed as a severe marine pollutant according to DOT. **Ecotoxicity**

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste Treatment Methods

Disposal of wastes This material, as supplied, is a hazardous waste according to federal regulations(40CFR261).

Contaminated Packaging Do not reuse container.

US EPA Waste Number D002

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. Transport Information

DOT

UN/ID no UN1760

Proper Shipping Name Corrosive Liquid, n.o.s (Dibutyl Tin Dilaurate)

Hazard class 8

Packing group III

Special Provisions IB3, T7, TP1, TP28

Marine Pollutant This product contains a chemical which is listed as a severe marine pollutant according to DOT.

Description UN1760, Corrosive liquid, n.o.s., , 8, III
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**Emergency Response Guide
Number**

IATA

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UN/ID no UN1760

Proper Shipping Name Corrosive liquid, n.o.s.* (Dibutyl Tin Dilaurate)

Hazard class 8
Packing group III
ERG Code 8L
Special Provisions A3, A803

IMDG

UN/ID no UN1760
Proper Shipping Name Corrosive liquid, n.o.s.* (Dibutyl Tin Dilaurate)
Hazard class 8
Packing group III
EmS-No F-A, S-B
Special Provisions 274, 223

15. Regulatory Information

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
ENCS Complies
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies
TCSI Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
TCSI - Taiwan Chemical Substance Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard YES
Chronic health hazard NO
Fire Hazard NO
Sudden Release of Pressure Hazard NO
Reactive Hazard NO

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label information

EPA Pesticide registration number Not Applicable

16. Other information, including date of preparation of the last revision
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NFPA Health Hazards 2 Flammability 1 Instability 0 - **HMS** Health Hazards 2 Flammability 1 Physical Hazards 0 -

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Revision note

No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

