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Version number 1

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## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1 Product identifier**

**Trade name DeoxIT<sup>®</sup> D-Series D100L** (Part Nos. D100L-2C, D100L-2CP, D100L-B2C, D100L-CPK, D100L-58D, D100L-2DB, D100L-12C, D100L-25C, D100P, D100L-P6C, D1W, D50W, D50FW, D100W-3X3, D100FW-3X3, D100L-SWP10, D100L-2, D100L-8, D100L-12, D100L-13, D100L-13HPE, D100L-16, D100L-32, D100L-8G, D100L-55G)

### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture:** Cleaner, deoxidizer, protector for electrical contacts & connectors

### **1.3 Details of the supplier of the safety data sheet**

#### **Manufacturer/Supplier:**

#### **Distributor:**

Sonic Sales GmbH

Liebigstr. 24

33803 Steinhagen, Germany

Tel: +49 | 5204 / 9247734

email: pratheep.kumarasamy@sonic-sales.de

#### **Manufacturer:**

CAIG Laboratories, Inc.

12200 Thatcher Court, Poway, CA

92064-6876 USA

### **1.4 Emergency telephone number: CHEMTREC: +1(703)527-3887**

## **SECTION 2: Hazards Identification**

### **2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

The substance is not classified, according to the CLP regulation.

### **2.2 Label elements**

**Labeling according to Regulation (EC) No 1272/2008**

Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

### **Information pertaining to particular dangers for man and environment**

Electric Shock Hazard: The container and applicator conduct electricity. Keep away from live parts.

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Preparation of substances listed below and non-dangerous materials.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information** No special measures required.**After inhalation** Supply fresh air; consult doctor in case of symptoms.**After skin contact**

On contact with skin clean with water and soap.

If skin irritation continues, consult a doctor.

**After eye contact**

Immediately rinse out eye with open eyelids for at least 15 minutes. Consult doctor afterwards.

Remove any contact lenses.

Use eye protection.

**After swallowing**

In case of persistent symptoms consult doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents**CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.**5.2 Special hazards arising from the substance or mixture**

Can be released in case of fire

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

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Fire fighters must wear self-contained breathing apparatus and full protective equipment.  
Wear self-contained breathing apparatus.

**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.  
Cool endangered containers with water spray jet.  
Remove containers out of danger zone, if possible without risk.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation  
Keep ignition sources away.  
Use breathing protection against the effects of fumes/dust/aerosol.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or water bodies.  
Dilute with much water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 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 information on disposal.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling.**

Store in cool, dry place in tightly closed containers.  
No special measures required.  
Ensure good ventilation/exhaustion at the workplace.

**Information about protection against explosions and fires:**

No special measures required

**7.2 Conditions for safe storage, including any incompatibilities****Storage Requirements to be met by storerooms and containers:**

**Requirements to be met by storerooms and containers:** Store in cool location.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Storage class** 3

**7.3 Specific end use(s)** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Additional information about design of technical systems:** No further data; see item 7.

**Components with critical values that require monitoring at the workplace:** Not required

**Additional information:** The lists that were valid during the compilation were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment

#### General protective and hygienic measures

Do not eat, drink or smoke while working.

**Breathing equipment:** Not necessary if room is well-ventilated.

**Protection of hands:** Not required

**Material of gloves:** Not relevant.

**Eye protection:** Not required.

**Body protection:** Not required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	Light red
<b>Smell:</b>	Characteristic
<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Mixture is non-polar/aprotic.

#### Change in condition

<b>Melting point/freezing point:</b>	Not determined
<b>Initial boiling point and boiling range:</b>	171-204 °C

#### Flash point

<b>(DIN 51758; SETA CLOSED CUP):</b>	Not applicable.
<b>Inflammability (solid, gaseous)</b>	Not applicable.
<b>Decomposition temperature:</b>	Not determined.
<b>Self-inflammability:</b>	Not determined.
<b>Explosive properties:</b>	Product is not explosive.

#### Critical values for explosion:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Steam pressure:</b>	Not determined.
<b>Density (DIN 51757) at 20 °C:</b>	0.884 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix

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**Partition coefficient: n-octanol/water:** Not determined.

**Viscosity:**

**dynamic:** Not determined.

**kinematic at 20 °C:** 10 mm<sup>2</sup>/s

**9.2 Other information** No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known

**10.4 Conditions to avoid** Keep ignition sources away.

**10.5 Incompatible materials:** Contact with strong oxidizing agents has to be avoided.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**Additional ecological information:**

**AOX-indication:** not relevant

**According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:** none

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Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Smaller quantities can be disposed with household garbage

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information****14.1 UN-Number**

**ADR, IMDG, IATA**

Void

**14.2 UN proper shipping name**

**ADR, IMDG, IATA**

Void

**14.3 Transport hazard class(es)**

**ADR, ADN, IMDG, IATA**

**Class**

Void

**14.4 Packing group**

**ADR, IMDG, IATA**

Void

**14.5 Environmental hazards:**

Not applicable

**14.6 Special precautions for user**

Not applicable

**14.7 Transport in bulk according to Annex II**

**of Marpol and the IBC Code**

Not applicable.

**UN "Model Regulation":**

Void

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**Trade name: DeoxIT<sup>®</sup> D-Series, D100L (100% liquid)****SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** Substance is not listed.**National regulations****Information about limitation of use:** none**Technical instructions (air):****Class Share in** % not relevant**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**International Listings** 00-1**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning

the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative