

## Safety Data Sheet

**DIELECTRIC GREASE 3OZ**

Version 2.0

Revision Date 05/21/2014

Print Date 05/23/2014

**SECTION 1. IDENTIFICATION**

Commercial Product Name : DIELECTRIC GREASE 3OZ  
Product number : 0893844100  
SDS-Identcode : 10034598  
Product Use Description :  
Company : Wurth USA Inc.  
93 Grant St.  
07446 Ramsey, NJ  
USA  
Telephone : +1 201 825 27 10  
Telefax : +1 201 825 16 43  
Responsible/issuing person : prodsafe@wuerth.com  
Emergency telephone number : +1 800 255 3924

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS Label element**

Not a hazardous substance or mixture.

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

Component	CAS-No.	Weight percent- Weight percent
Propane-1,2-diol, propoxylated	25322-69-4	>= 1 - < 5

**SECTION 4. FIRST AID MEASURES**

General advice : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

Inhalation : If breathed in, move person into fresh air.

Skin contact : Wash off with soap and water. If skin irritation persists, call

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- Eye contact : a physician.  
: If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, DO NOT induce vomiting. If symptoms persist, call a physician. If a person vomits when lying on his back, place him in the recovery position.

**Notes to physician**

- Treatment : Treat symptomatically and supportively.

**SECTION 5. FIREFIGHTING MEASURES**

- Form : solid
- Flash point : >315.00 °C (599.00 °F)
- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Foam
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.  
Hazardous decomposition products may be formed under fire conditions (see section 10).
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.  
Use personal protective equipment.
- Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
In the event of fire and/or explosion do not breathe fumes.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Refer to protective measures listed in sections 7 and 8.  
Avoid dust formation.  
Avoid breathing dust.  
Ensure adequate ventilation, especially in confined areas.
- Methods for cleaning up : Use mechanical handling equipment.  
Keep in suitable, closed containers for disposal.  
Clean contaminated surface thoroughly.

**SECTION 7. HANDLING AND STORAGE****Handling**

- Handling : For personal protection see section 8.  
Avoid creating dust.  
Do not breathe dust.  
Avoid contact with skin and eyes.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

**Storage**

- Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
- Advice on common storage : Keep away from food, drink and animal feedingstuffs.
- Other data : No decomposition if stored and applied as directed.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Components	CAS-No.	List	Type:	Value	Update
Propane-1,2-diol,	25322-69-4	US WEEL	TWA	10 mg/m3	2011-10-13

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propoxylated					
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- Engineering measures : Provide adequate ventilation.
- Eye protection : In case of splash hazard, please wear protective goggles.
- Hand protection : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.  
Respirator with filter type A
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
General industrial hygiene practice.  
Do not breathe dust.  
Avoid contact with skin, eyes and clothing.  
When using do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.  
Wash contaminated clothing before re-use.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Form : solid
- Physical state : solid
- Colour : white
- Odour : slight
- Odour Threshold : No data available
- Flash point : >315.00 °C (599.00 °F)
- Ignition temperature : No data available
- Thermal decomposition : No data available

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Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flammability	: No data available
Molecular weight	: No data available
pH	: No data available
Melting point/range	: Not applicable
Boiling point/boiling range	: >204.44 °C(399.99 °F)
Vapour pressure	: No data available
Relative vapour density	: Not applicable, (Air = 1.0)
Evaporation rate	: No data available
Density	: 0.970 g/cm <sup>3</sup> at 20 °C (68 °F)
Relative density	: No data available
Bulk density	: No data available
Water solubility	: insoluble
Partition coefficient: n- octanol/water	: No data available
Solubility in other solvents	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Volatile organic compounds (VOC) content	: 0 %

**SECTION 10. STABILITY AND REACTIVITY**

Hazardous decomposition products	: Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
Hazardous reactions	: Note: No decomposition if stored and applied as directed.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Eye irritation	: slight irritation
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Carcinogenicity : No data is available on the product itself.  
Reproductive toxicity : No data is available on the product itself.  
Teratogenicity : No data is available on the product itself.

**Component:**

Propane-1,2-diol, propoxylated 25322-69-4

Acute oral toxicity: LD50 Rat  
Dose: > 5,000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity: LD50 Rabbit  
Dose: > 3,000 mg/kg  
Method: OECD Test Guideline 402

Acute inhalation toxicity: LC50 Rat  
Dose: > 0.17 mg/l Exposure time: 1 h  
Method: OECD Test Guideline 403

Skin irritation: Rabbit  
Result: No skin irritation

Eye irritation: Rabbit  
Result: No eye irritation

Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.  
Reproductive toxicity: No toxicity to reproduction

**Carcinogenicity:****ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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**SECTION 12. ECOLOGICAL INFORMATION**

Adsorbed organic bound halogens (AOX) : not included  
Volatile organic compounds (VOC) content : 0 %  
Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

**Component:**

Propane-1,2-diol, propoxylated 25322-69-4

Toxicity to fish:

LC0

Species: Danio rerio (zebra fish)

Dose: &gt; 100 mg/l

Exposure time: 96 h

Acute and prolonged toxicity for aquatic invertebrates:

EC50

Species: Daphnia magna (Water flea)

Dose: 105.8 mg/l

Exposure time: 48 h

Toxicity to algae:

ErC50

Species: Desmodesmus subspicatus (green algae)

Dose: &gt; 100 mg/l

Exposure time: 72 h

Toxicity to algae:

NOEC

Species: Desmodesmus subspicatus (green algae)

Dose: 100 mg/l

Exposure time: 72 h

Toxicity to bacteria:

Respiration inhibition of activated sludge EC50

Species:

Dose: &gt; 1,000 mg/l

Exposure time: 3 h

Method: OECD Test Guideline 209

Toxicity to bacteria:

Respiration inhibition of activated sludge NOEC

Species:

Dose: 1,000 mg/l

Exposure time: 3 h

Method: OECD Test Guideline 209

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**SECTION 13. DISPOSAL CONSIDERATIONS**

Adequate disposal : In accordance with local and national regulations.  
Do not dispose of together with household waste.

**SECTION 14. TRANSPORT INFORMATION****DOT 49 CFR**

Not dangerous goods

**TDGR**

Not dangerous goods

**ICAO/IATA-DGR**

Not dangerous goods

**IMDG-Code**

Not dangerous goods

**SECTION 15. REGULATORY INFORMATION**

**SARA 311/312 Hazards** : No SARA Hazards

**PENN RTK**

US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

Components	CAS-No.
Siloxane, dimethyl	63148-62-9
Silane, dichlorodimethyl-, reaction products with silica	68611-44-9

**MASS RTK**

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

No components are subject to the Massachusetts Right to Know Act.

**NJ RTK**

US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)



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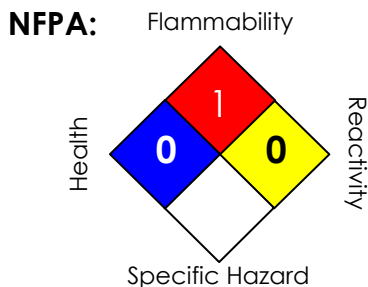
Components	CAS-No.
Siloxane, dimethyl	63148-62-9
Propane-1,2-diol, propoxylated	25322-69-4
Silane, dichlorodimethyl-, reaction products with silica	68611-44-9

**California Prop. 65**

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16. OTHER INFORMATION**

**Further information**



**HMIS III:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL</b>	<b>0</b>

0 = Insignificant, 1 =Slight,  
2 =Moderate, 3 =High, 4 = Extreme

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.

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