

## Safety Data Sheet

**SIG 3000 Super Grease**

Version 2.0

Revision Date 08/15/2014

Print Date 08/19/2014

**SECTION 1. IDENTIFICATION**

Commercial Product Name : SIG 3000 Super Grease  
Product number : 1890402  
SDS-Identcode : 10042297  
Product Use Description : Anti-friction agent and lubricant  
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
baseoil - unspecified	64742-52-5	>= 70 - < 90
EP Additive (NJ 800983-5015P)		>= 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.

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- Skin contact : Wash off with polyethylene glycol and afterwards with plenty of water.
- Eye contact : 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 : gel
- Flash point : >400 °C (752 °F)
- Suitable extinguishing media : Dry chemical  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Water
- 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).  
Exposure to decomposition products may be a hazard to health.
- 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

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fumes.  
Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately.  
This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water  
must be disposed of in accordance with local  
regulations.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Refer to protective measures listed in sections 7 and 8.  
Ensure adequate ventilation, especially in confined areas.  
Contaminated surfaces will be extremely slippery.  
Avoid inhalation of vapour or mist.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains  
inform respective authorities.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica  
gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.  
Clean contaminated surface thoroughly.

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

- Handling : For personal protection see section 8.  
Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
Do not carry cloths that have come into contact with the  
product in your clothing.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Dust explosion class : Not applicable

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**Storage**

Requirements for storage : 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
baseoil - unspecified	64742-52-5	ACGIH	TWA	5 mg/m <sup>3</sup>	2013-03-01
		NIOSH REL	TWA	5 mg/m <sup>3</sup>	2013-10-08
		NIOSH REL	ST	10 mg/m <sup>3</sup>	2013-10-08
		OSHA Z-1	TWA	5 mg/m <sup>3</sup>	2011-07-01
		OSHA P0	TWA	5 mg/m <sup>3</sup>	1989-01-19

Engineering measures : Provide adequate ventilation.

Eye protection : In case of splash hazard, please wear protective goggles.

Hand protection : Wear suitable gloves.  
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 case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

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General industrial hygiene practice.  
Avoid breathing vapours, mist or gas.  
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	: gel
Physical state	: liquid
Colour	: dark green
Odour	: oily
Odour Threshold	: No data available
Flash point	: >400 °C (752 °F)
Ignition temperature	: No data available
Thermal decomposition	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flammability	: No data available
Molecular weight	: No data available
pH	: No data available
Boiling point/boiling range	: Not applicable
Vapour pressure	: <0.0133322 hPa
Relative vapour density	: 12 (Air = 1.0)
Evaporation rate	: No data available
Density	: 0.8 g/cm <sup>3</sup>
Relative density	: No data available
Bulk density	: No data available
Water solubility	: slightly soluble
Partition coefficient: n-octanol/water	: No data available

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Solubility in other solvents : No data available  
Viscosity, dynamic : No data available  
Viscosity, kinematic : No data available  
Volatile organic : < 5 %  
compounds (VOC) content

**SECTION 10. STABILITY AND REACTIVITY**

Materials to avoid : Chlorine  
Oxygen  
Oxidizing agents

Hazardous decomposition products : Organic Substances  
Carbon oxides

Hazardous reactions : Note: No decomposition if stored and applied as directed.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute inhalation toxicity : Acute toxicity estimate  
Exposure time: 4 h  
Dose: > 40 mg/l  
Method: Calculation method

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.  
Further information : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Component:**

EP Additive (NJ 800983-5015P)

Acute oral toxicity: LD50  
Dose: > 300 - 2,000 mg/kg

Acute inhalation toxicity: LC50  
Dose: > 10 - 20 mg/l/Exposure time: 4 h

**Carcinogenicity:**

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<b>ACGIH</b>	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.
<b>OSHA</b>	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.
<b>NTP</b>	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.
<b>IARC</b>	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	: < 5 %
Additional ecological information	: The product should not be allowed to enter drains, water courses or the soil.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

Adequate disposal	: In accordance with local and national regulations. Do not dispose of waste into sewer. Do not dispose of together with household waste.
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**SECTION 14. TRANSPORT INFORMATION**

<b>DOT 49 CFR</b>	Not dangerous goods
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**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

**CERCLA Reportable Quantity** : This material does not contain any components with a CERCLA RQ.

**EPCRA\_313** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**EPCRA\_302** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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

Components	CAS-No.
baseoil - unspecified	64742-52-5
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2
EP Additive (NJ 800983-5015P)	

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

Components	CAS-No.
baseoil - unspecified	64742-52-5

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Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2
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**MASS RTK**

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

Components	CAS-No.
baseoil - unspecified	64742-52-5

**NJ RTK**

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

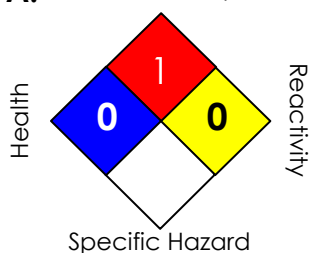
Components	CAS-No.
baseoil - unspecified	64742-52-5
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2
unknown compound	
EP Additive (NJ 800983-5015P)	

**California Prop. 65**

: WARNING! This product contains a chemical known to the State of California to cause cancer.

**SECTION 16. OTHER INFORMATION**
**Further information**
**NFPA:**

Flammability


**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

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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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