



# SYNTEK 100% Teflon grease

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

|               |                        |
|---------------|------------------------|
| Chemical Name | Not applicable.        |
| CAS No.       | Mixture                |
| Trade Name    | Bicycle Teflon® Grease |
| Product Code  | None                   |

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

|                      |           |
|----------------------|-----------|
| Identified Use(s)    | Lubricant |
| Uses Advised Against | None      |

#### Company Identification

Dentalight, Inc.  
265 Grand Valley Dr.  
Talbot, TN 37877  
865-674-0378

#### Telephone

#### Fax

#### E-Mail (competent person)

dentalight@gmail.com

#### Emergency telephone number

#### Emergency Phone No.

**Medical Emergency:** PROSAR 24 hr. 1-800-217-5157 / 1-651-523-0304

**Transportation Emergency:** CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Skin Sens. 1

Eye Irrit. 2

#### Label elements

#### Hazard Symbol



**Warning**

#### Hazard Statement(s)

May cause an allergic skin reaction.  
Causes serious eye irritation.

#### Precautionary Statement(s)

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Keep out of reach of children.

#### Other hazards

None



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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient(s)                  | % wt.   | CAS No.    |
|--|---------|------------|
| Sulfonic acids, petroleum, calcium salts | 5 - 10  | 61789-86-4 |
| calcium dodecylbenzenesulphonate         | 2 - 2.8 | 26264-06-2 |
| N-1-naphthylaniline                      | <1      | 90-30-2    |

Additional Information - None

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

|  |  |
|--|--|
| Inhalation   | Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.  |
| Skin Contact   | Wash affected skin with soap and water. If symptoms develop, obtain medical attention.   |
| Eye Contact  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention. |
| Ingestion  | Do not induce vomiting wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical treatment.  |
| Most important symptoms and effects, both acute and delayed                | May cause an allergic skin reaction.   |
| Indication of any immediate medical attention and special treatment needed | None   |

## SECTION 5: FIRE-FIGHTING MEASURES

|  |  |
|--|--|
| <b>Extinguishing Media</b><br>-Suitable Extinguishing Media<br>-Unsuitable Extinguishing Media | Extinguish with carbon dioxide, dry chemical, foam or water spray. Do not use water jet.   |
| <b>Special hazards arising from the substance or mixture</b>                                   | None known.  |
| <b>Advice for fire-fighters</b>  | A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Wear protective gloves/eye protection. Wash contaminated clothing before reuse.               |
| <b>Environmental precautions</b>   | Avoid release to the environment. Prevent substance entering sewers.                          |
| <b>Methods and material for containment and cleaning up</b>                | Cover spills with inert absorbent material. Transfer to a container for disposal or recovery. |



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Reference to other sections None  
 Additional Information None

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling** Avoid contact with skin and eyes. When using do not eat, drink or smoke.

**Conditions for safe storage, including any incompatibilities**

-Storage temperature Store at room temperature.  
 -Incompatible materials Strong oxidising agents.

**Specific end use(s)** Lubricant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits


| SUBSTANCE.   | CAS No. | (8hr TWA)  |                        | STEL       |             | Note: |
|--|---------|------------|------------------------|------------|-------------|-------|
|  |         | PEL (OSHA) | TLV (ACGIH)            | PEL (OSHA) | TLV (ACGIH) |       |
| C <sub>9</sub> -C <sub>15</sub> Alkanes & Cycloalkanes | Mixture | -----      | 1200 mg/m <sup>3</sup> | -----      | -----       |       |


**Recommended monitoring method** NIOSH 1550 (Naphthas)


**Exposure controls**

**Appropriate engineering controls** Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Personal protection equipment**

**Eye/face protection** Wear chemical resistant protective eye glasses.  


**Skin protection (Hand protection/ Other)** Wear protective gloves. (Nitrile rubber)  


**Respiratory protection** Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.  


**Thermal hazards** Not normally required. Use gloves with insulation for thermal protection, when needed.

**Environmental Exposure Controls** None known

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance Paste  
 Colour Amber  
 Odour Not available



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|  |                |
|--|----------------|
| Odour Threshold (ppm)                    | Not available  |
| pH (Value)                               | Not available  |
| Melting Point (°C) / Freezing Point (°C) | Not available  |
| Boiling point/boiling range (°C):        | Not available  |
| Flash Point (°C)                         | Not available  |
| Evaporation rate                         | Not available  |
| Flammability (solid, gas)                | Not available  |
| Explosive limit ranges                   | Not available  |
| Vapour Pressure (Pascal)                 | Not available  |
| Vapour Density (Air=1)                   | Not available  |
| Density (g/ml)                           | <1             |
| Solubility (Water)                       | Insoluble      |
| Solubility (Other)                       | Not available  |
| Partition Coefficient (n-Octanol/water)  | Not available  |
| Auto Ignition Temperature (°C)           | Not available  |
| Decomposition Temperature (°C)           | Not available  |
| Kinematic Viscosity (cP)                 | Not available  |
| Explosive properties                     | Not explosive. |
| Oxidising properties                     | Not oxidising. |
| <b>Other information</b>                 | Not available  |

## SECTION 10: STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                         | Stable under normal conditions.               |
| <b>Chemical stability</b>                 | Stable.                                       |
| <b>Possibility of hazardous reactions</b> | None anticipated.                             |
| <b>Conditions to avoid</b>                | Avoid contact with heat and ignition sources. |
| <b>Incompatible materials</b>             | Strong oxidising agents                       |
| <b>Hazardous decomposition product(s)</b> | None known                                    |

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Substances in preparations / mixtures**

Sulfonic acids, petroleum, calcium salts (CAS#61789-86-4 ):

|                               |  |
|-------------------------------|--|
| <b>Acute toxicity</b>         | Oral: LD50 >16 g/kg-bw   |
| <b>Irritation/Corrosivity</b> | Not available.   |
| <b>Sensitization</b>          | May cause sensitization by skin contact.                         |
| <b>Repeated dose toxicity</b> | Not available  |
| <b>Carcinogenicity</b>        | No data. It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No.  | No.   | No.  | No.   |

|                                  |  |
|----------------------------------|--|
| <b>Mutagenicity</b>              | There is no evidence of mutagenic potential. |
| <b>Toxicity for reproduction</b> | No information available                     |

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity**

**Substances in preparations / mixtures**

N-1-naphthylaniline, CAS# 90-30-2:



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**Short term**

LC50 = 0.44 mg/l(96 hour) (Oncorhynchus mykiss)  
 EC50 = 0.3 mg/l (48 hour) (Daphnia magna)

**Long Term**

Not available

**Persistence and degradability**

Not readily biodegradable.

**Bioaccumulative potential**

Not available

**Mobility in soil**

Not available

**Results of PBT and vPvB assessment**

Not classified as PBT or vPvB.

**Other adverse effects**

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

## SECTION 14: TRANSPORT INFORMATION

|                              | Land transport<br>(U.S. DOT) | Sea transport<br>(IMDG) | Air transport<br>(ICAO/IATA) |
|------------------------------|------------------------------|-------------------------|------------------------------|
| UN number                    |                              |                         |                              |
| Proper Shipping Name         |                              |                         |                              |
| Transport hazard class(es)   |                              |                         |                              |
| Packing group                |                              |                         |                              |
| Environmental hazards        |                              |                         |                              |
| Special precautions for user |                              |                         |                              |

Not classified as dangerous for transport.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

## SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

| Chemical Name | CAS No. | Typical %wt. | RQ<br>(Pounds) |
|---------------|---------|--------------|----------------|
| None          | ----    | ----         | ----           |

SARA 311/312 - Hazard Categories: None

Fire  Sudden Release  Reactivity  Immediate (acute)  Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

| Chemical Name | CAS No. | Typical %wt. |
|---------------|---------|--------------|
| None          | ----    | ----         |

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

| Chemical Name | CAS No. | Typical %wt. | TPQ (pounds) |
|---------------|---------|--------------|--------------|
| None          | ----    | ----         | ----         |

California Proposition 65 List:

| Chemical Name | CAS No. | Type of Toxicity |
|---------------|---------|------------------|
| None          | ----    | ----             |



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## **SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16.

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