



Safety Data Sheet

Issue Date: 18-Mar-2021

Review Date: 30-Mar-2022

Version 1

1. IDENTIFICATION

Product identifier

Product Name 5th Wheel Anhydrous Calcium Grease

Other means of identification

SDS # 143566

Synonyms 56400

Recommended use of the chemical and restrictions on use

Recommended Use Grease

Uses Advised Against No information available

Details of the supplier of the safety data sheet

Made For/ Distributed by:
Soudal Accumetric
350 Ring Road
Elizabethtown, KY 42701
USA

Wurth Canada
345 Hanlon Creek Blvd
Guelph, Ontario N1C 0A1
Canada
905-564-6225

1-800-428-9284
CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Appearance Dark grey

Physical state Semi-solid to solid

Odor Mild petroleum

Classification

This chemical does not meet the hazardous criteria set forth by the 2015 WHMIS standards. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Label elements

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Chemical name | CAS No | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|--|------------|----------|--|---|
| Paraffin oils, petroleum, catalytic dewaxed heavy | 64742-70-7 | 45-70 | - | - |
| Severely Hydrotreated Heavy Naphthenic Petroleum Oil | 64742-52-5 | 10-30 | - | - |
| Graphite | 7782-42-5 | 5-10 | - | - |
| Calcium Hydroxide | 1305-62-0 | 1-5 | - | - |
| Silica, Quartz | 14808-60-7 | 0.1-1 | - | - |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

| | |
|-----------------------|---|
| General advice | Provide this SDS to medical personnel for treatment. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. |
| Skin contact | Wash skin with soap and water. |
| Inhalation | Remove to fresh air. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects, both acute and delayed

Symptoms May be harmful in contact with skin.

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

5. FIREFIGHTING MEASURES

| | |
|---|---|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Specific hazards arising from the chemical | No information available. |
| Explosion Data | |
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | None. |

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautions

Environmental precautions 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.

Methods for cleaning up Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

| Chemical name | Canada - Alberta - Occupational Exposure Limits - Ceilings | Canada - British Columbia - Occupational Exposure Limits - Ceilings | Canada - Ontario - Occupational Exposure Limits - Ceilings | Quebec |
|--------------------------------|--|---|--|----------------------------|
| Graphite 7782-42-5 | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ |
| Calcium Hydroxide 1305-62-0 | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ |
| Silica, Quartz 14808-60-7 | TWA: 0.025 mg/m ³ | TWA: 0.025 mg/m ³ | TWA: 0.10 mg/m ³ | TWA: 0.1 mg/m ³ |

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection If necessary, refer to appropriate regulations and standards.

| | |
|---------------------------------------|--|
| Skin and body protection | If necessary, refer to appropriate regulations and standards. |
| Respiratory protection | If necessary, refer to appropriate regulations and standards. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|------------------------|---------------------|
| Physical state | Semi-solid to solid |
| Appearance | Dark Grey |
| Colour | Dark Grey |
| Odor | Typical petroleum |
| Odour Threshold | Not determined |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|-----------------|-------------------------|
| pH | Not determined | |
| Melting point / freezing point | Not determined | |
| Boiling point / boiling range | Not determined | |
| Flash point | Not determined | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | Not determined | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | Not determined | |
| Lower flammability or explosive limits | Not determined | |
| Vapour Pressure | Not determined | |
| Vapour Density | Not determined | |
| Relative Density | Not determined | |
| Water Solubility | Not determined | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Autoignition temperature | Not determined | |
| Decomposition temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive properties | Not determined. | |
| Oxidising properties | Not determined. | |

Other information

| | |
|-------------------------|----------------|
| Softening Point | Not determined |
| Molecular weight | Not determined |
| VOC Content (%) | Not determined |
| Liquid Density | Not determined |
| Bulk density | Not determined |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity | Not reactive under normal conditions. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Conditions to Avoid | None known based on information supplied. |
| Incompatible materials | None known based on information supplied. |

Hazardous decomposition products None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--------------------------------------|
| Eye contact | Avoid contact with eyes. |
| Skin contact | May be harmful in contact with skin. |
| Inhalation | Do not inhale. |
| Ingestion | Do not ingest. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Acute toxicity

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

| | |
|------------------------|----------|
| ATEmix (oral) | 9,937.30 |
| ATEmix (dermal) | 3,979.00 |

Unknown acute toxicity No information available

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-----------------------|-------------------------|--------------------------------------|
| Paraffin oils, petroleum, catalytic dewaxed heavy 64742-70-7 | > 15000 mg/kg (Rat) | > 5000 mg/kg (Rabbit) | - |
| Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5 | > 5000 mg/kg (Rat) | > 5000 mg/kg (Rabbit) | - |
| Graphite 7782-42-5 | - | - | > 2000 mg/m ³ (Rat) 4 h |
| Hydrogenated Castor Oil – (flake or solid) 8001-78-3 | > 10 g/kg (Rat) | - | - |
| Calcium Hydroxide 1305-62-0 | = 7340 mg/kg (Rat) | > 2500 mg/kg (Rat) | - |

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

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|--|-------|---------|-------|------|
| Paraffin oils, petroleum, catalytic dewaxed heavy 64742-70-7 | A2 | Group 1 | Known | X |
| Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5 | A2 | Group 1 | Known | X |
| Silica, Quartz 14808-60-7 | A2 | Group 1 | Known | X |

Legend

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
OSHA (Occupational Safety and Health Administration of the US Department of Labour)
 X - Present

STOT - repeated exposure Respirable crystalline silica causes damage to organs (lung effects, immune system effects, and kidney effects) through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--|----------------------|---|----------------------------|------------------------------------|
| Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5 | - | 5000: 96 h Oncorhynchus mykiss mg/L LC50 | - | 1000: 48 h Daphnia magna mg/L EC50 |
| Graphite 7782-42-5 | - | 100: 96 h Danio rerio mg/L LC50 semi-static | - | - |
| Hydrogenated Castor Oil – (flake or solid) 8001-78-3 | - | 10000: 96 h Brachydanio rerio mg/L LC50 | - | - |

Persistence/Degradability No information available.

Bioaccumulation No information available.

Other Adverse Effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

REGULATORY INFORMATION

International Regulations

Ozone-depleting substances (ODS) Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

| Chemical name | TSCA | DSL/NDSL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|---|------|----------|-------------------|------|-------|------|-------|------|
| Paraffin oils, petroleum, catalytic dewaxed heavy | X | X | X | | X | X | X | X |
| Severely Hydrotreated Heavy Naphthenic Petroleum Oil | X | X | X | | X | X | X | X |
| Graphite | X | X | X | | X | X | X | X |
| Calcium Hydroxide | X | X | X | X | X | X | X | X |
| Silica, Quartz | X | X | X | X | X | X | X | X |

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

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---------|----------------------------------|
| TWA | TWA (time-weighted average) |
| STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value |
| * | Skin designation |

Review Date: 30-Mar-2022

The data contained herein is based upon information that Soudal Accumetric believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

End of Safety Data Sheet