



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Preparation of safety data sheets for hazardous chemicals Code of Practice June 2023

Issuing Date 11-May-2021

Revision date 03-Feb-2026

Revision Number 2

## Section 1: Identification

### Product identifier

Product Name Air Filter Sealing Grease (6 oz.)

Product Code(s) 99-0704

### Other means of identification

Pure substance/mixture Mixture

### Recommended use of the chemical and restrictions on use

Recommended use Grease

Uses advised against No information available

### Details of manufacturer or importer

#### Supplier

K&N Engineering, Inc.  
14 Longitude Way  
Corona, CA 92881  
+1 951-826-4000 / 800-858-3333

For further information, please contact

### Emergency telephone number

Emergency telephone number CHEMTREC (Australia): +61-290372994

## Section 2: Hazard(s) identification

### Classification of the substance or mixture

Skin sensitisation

Category 1B

### Label elements

Exclamation mark



Signal word  
WARNING

Hazard statements

May cause an allergic skin reaction

**Precautionary Statements - Prevention**

Avoid breathing vapours

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

**Other hazards which do not result in classification**

Causes mild skin irritation.

**Section 3: Composition/information on ingredients**

| Chemical name                                             | CAS No.     | Weight-% |
|-----------------------------------------------------------|-------------|----------|
| Mineral oil                                               | -           | 5 - 10   |
| Calcium petroleum sulfonate                               | 61789-86-4  | 5 - 10   |
| Diboron calcium tetraoxide                                | 13701-64-9  | 1 - 5    |
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | 68584-23-6  | 1 - 5    |
| Non-hazardous ingredients                                 | Proprietary | Balance  |

**Section 4: First aid measures****Description of first aid measures**

|                                   |                                                                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>             | Show this safety data sheet to the doctor in attendance.                                                                          |
| <b>Emergency telephone number</b> | Poisons Information Centre, Australia: 13 11 26                                                                                   |
| <b>Inhalation</b>                 | Remove to fresh air.                                                                                                              |
| <b>Eye contact</b>                | Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.                           |
| <b>Skin contact</b>               | Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor. |
| <b>Ingestion</b>                  | Rinse mouth thoroughly with water. Get medical attention if symptoms occur.                                                       |

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

**Symptoms** Itching. Rashes. Hives. Prolonged contact may cause redness and irritation.

**Effects of Exposure** None known.

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

**Note to doctors** May cause sensitisation in susceptible persons. Treat symptomatically.

**Section 5: Firefighting measures****Suitable Extinguishing Media**

**Suitable extinguishing equipment** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** None known based on information supplied.

#### **Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** Product is or contains a sensitizer. May cause sensitisation by skin contact. During fire, gases hazardous to health may be formed.

**Hazardous combustion products** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Metal oxides.

#### **Special protective actions for firefighters**

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

### **Section 6: Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not touch damaged packages or spilled material. Special danger of slipping by leaking/spilling product. Avoid breathing vapours.

**For emergency responders** Use personal protection recommended in Section 8.

#### **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.

#### **Precautions to prevent secondary hazards**

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

### **Section 7: Handling and storage**

#### **Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protective equipment. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before re-use. Avoid breathing vapours.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep container closed when not in use. Protect from sunlight. Store in accordance with local regulations.

**Incompatible materials** None known based on information supplied.

## Section 8: Exposure controls and personal protection

### Control Parameters

#### Exposure Limits

| Chemical name                            | Australia | New Zealand | ACGIH TLV                                                                                                       |
|------------------------------------------|-----------|-------------|-----------------------------------------------------------------------------------------------------------------|
| Mineral oil<br>-                         | -         | -           | TWA: 5 mg/m <sup>3</sup> inhalable fraction                                                                     |
| Diboron calcium tetraoxide<br>13701-64-9 | -         | -           | TWA: 2 mg/m <sup>3</sup> inhalable particulate matter<br>STEL: 6 mg/m <sup>3</sup> inhalable particulate matter |

  

| Chemical name                             | European Union | United Kingdom | Germany DFG                                               |
|-------------------------------------------|----------------|----------------|-----------------------------------------------------------|
| Calcium petroleum sulfonate<br>61789-86-4 | -              | -              | TWA-MAK: 5 mg/m <sup>3</sup> ; II(4); respirable fraction |

**Note** See section 16 for terms and abbreviations.

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear suitable protective clothing.

**Hand protection** Wear suitable gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** No information available.

**Thermal hazards** No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance** Tan grease  
**Physical state** Solid  
**Colour** Tan  
**Odour** Mild Petroleum  
**Odour threshold** No information available

| Property                                       | Values     | Remarks • Method  |
|------------------------------------------------|------------|-------------------|
| <b>Melting point / freezing point</b>          |            | No data available |
| <b>Initial boiling point and boiling range</b> | > 315.6 °C |                   |
| <b>Flammability</b>                            |            | No data available |
| <b>Flammability Limit in Air</b>               |            |                   |

|                                        |                          |                    |
|----------------------------------------|--------------------------|--------------------|
| Upper flammability or explosive limits |                          | No data available  |
| Lower flammability or explosive limits |                          | No data available  |
| Flash point                            | > 246.3 °C               | Cleveland Open Cup |
| Auto-ignition temperature              |                          | No data available  |
| Decomposition temperature              |                          | No data available  |
| SADT (°C)                              |                          | No data available  |
| pH                                     |                          | No data available  |
| pH (as aqueous solution)               |                          | No data available  |
| Kinematic viscosity                    | 21 mm <sup>2</sup> /s    |                    |
| Dynamic viscosity                      |                          | No data available  |
| Water solubility                       | Insoluble in water       |                    |
| Solubility(ies)                        |                          | No data available  |
| Partition coefficient                  |                          | No data available  |
| Vapour pressure                        |                          | No data available  |
| Relative density                       | 0.96 g/cm <sup>3</sup>   |                    |
| Bulk density                           |                          | No data available  |
| Liquid Density                         |                          | No data available  |
| Relative vapour density                |                          | No data available  |
| Particle characteristics               |                          |                    |
| Particle Size                          |                          | No data available  |
| Particle Size Distribution             |                          | No data available  |
| <b>Other information</b>               |                          |                    |
| Molecular weight                       | No information available |                    |
| VOC content                            | No information available |                    |
| Softening point                        | No information available |                    |

#### **Information with regard to physical hazard classes**

##### **Explosives**

|                      |                          |
|----------------------|--------------------------|
| Explosive properties | No information available |
| Oxidising properties | No information available |

## **Section 10: Stability and reactivity**

### **Reactivity**

|            |                                   |
|------------|-----------------------------------|
| Reactivity | None under normal use conditions. |
|------------|-----------------------------------|

### **Chemical stability**

|           |                                 |
|-----------|---------------------------------|
| Stability | Stable under normal conditions. |
|-----------|---------------------------------|

### **Explosion data**

|                                  |       |
|----------------------------------|-------|
| Sensitivity to mechanical impact | None. |
|----------------------------------|-------|

|                                 |       |
|---------------------------------|-------|
| Sensitivity to static discharge | None. |
|---------------------------------|-------|

### **Possibility of hazardous reactions**

|                                    |                               |
|------------------------------------|-------------------------------|
| Possibility of hazardous reactions | None under normal processing. |
|------------------------------------|-------------------------------|

### **Conditions to avoid**

|                     |                                           |
|---------------------|-------------------------------------------|
| Conditions to avoid | None known based on information supplied. |
|---------------------|-------------------------------------------|

### **Incompatible materials**

|                        |                                           |
|------------------------|-------------------------------------------|
| Incompatible materials | None known based on information supplied. |
|------------------------|-------------------------------------------|

**Hazardous decomposition products**

**Hazardous decomposition products** None known based on information supplied.

## Section 11: Toxicological information

**Information on likely routes of exposure****Product Information**

|                     |                                                                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available.                                                                                                                                                                                        |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. Contact with eyes may cause irritation.                                                                                                                                                |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. May cause sensitisation by skin contact. (based on components). Causes mild skin irritation. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available.                                                                                                                                                                                        |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Itching. Rashes. Hives. Prolonged contact may cause redness and irritation.

**Acute toxicity****Numerical measures of toxicity**

The following ATE values have been calculated for the mixture:

ATE<sub>mix</sub> (inhalation-dust/mist) > 5 mg/l

**Component Information**

| Chemical name                                             | Oral LD50             | Dermal LD50             | Inhalation LC50        |
|-----------------------------------------------------------|-----------------------|-------------------------|------------------------|
| Mineral oil                                               | > 5000 mg/kg ( Rat )  | > 5000 mg/kg ( Rabbit ) | -                      |
| Calcium petroleum sulfonate                               | > 16000 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit ) | > 1.9 mg/L ( Rat ) 4 h |
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | -                     | > 4000 mg/kg ( Rabbit ) | -                      |

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

|                                          |                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b>         | Classification based on data available for ingredients. Causes mild skin irritation. |
| <b>Serious eye damage/eye irritation</b> | No information available.                                                            |
| <b>Respiratory or skin sensitisation</b> | May cause an allergic skin reaction.                                                 |
| <b>Germ cell mutagenicity</b>            | No information available.                                                            |
| <b>Carcinogenicity</b>                   | No information available.                                                            |
| <b>Reproductive toxicity</b>             | No information available.                                                            |
| <b>STOT - single exposure</b>            | No information available.                                                            |
| <b>STOT - repeated exposure</b>          | No information available.                                                            |
| <b>Aspiration hazard</b>                 | No information available.                                                            |

## Section 12: Ecological information

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

### Aquatic ecotoxicity

#### Component Information

| Chemical name               | Fish                                                                                                    | Crustacea                                  | Algae/aquatic plants | Toxicity to microorganisms |
|-----------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------|----------------------------|
| Calcium petroleum sulfonate | LC50: 5.7 - 9.7mg/L<br>(96h, Pimephales promelas)<br>LC50: 1.0 - 10.0mg/L<br>(96h, Pimephales promelas) | EC50: 6.2 - 12mg/L<br>(48h, Daphnia magna) | -                    | -                          |

**Terrestrial ecotoxicity** No information available.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility in soil** No information available.

**Other adverse effects** No information available.

## Section 13: Disposal considerations

### Disposal 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 re-use empty containers.

*See section 8 for more information*

## Section 14: Transport information

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No information available

## Section 15: Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Australia**

See section 8 for national exposure control parameters

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

**Australian Industrial Chemicals Introduction Scheme (AICIS)**

| Chemical name                                                          | Australian Industrial Chemicals Introduction Scheme (AICIS) | Additional information |
|------------------------------------------------------------------------|-------------------------------------------------------------|------------------------|
| Mineral oil - -                                                        | Contact supplier for inventory compliance status            | -                      |
| Calcium petroleum sulfonate - 61789-86-4                               | Present                                                     | -                      |
| Diboron calcium tetraoxide - 13701-64-9                                | Present                                                     | -                      |
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts - 68584-23-6 | Present                                                     | -                      |

**Illicit Drug Precursors/Reagents**

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

**Industrial Chemicals Environmental Management Standard (IChEMS) Register**

This product contains one or more substances(s) listed on the Industrial Chemicals Environmental Management Standard (IChEMS) Register. Refer to the regulation for further information.

| Chemical name                                                          | IChEMS Schedule | End uses                                                                                                                                       | Risk management measures                           |
|------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts - 68584-23-6 | 3               | (a) laundry and dishwashing products, (b) cleaning and furniture care products, (c) automotive care products, (d) plastic and polymer products | The IChEMS Minimum Standards must be complied with |

**National pollutant inventory**

Subject to reporting requirement

| Chemical name                           | National pollutant inventory     |
|-----------------------------------------|----------------------------------|
| Diboron calcium tetraoxide - 13701-64-9 | 10 tonne/yr Threshold category 1 |

**International Inventories**

Contact supplier for inventory compliance status

**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## Section 16: Other information

**Issuing Date** 11-May-2021

**Revision date** 03-Feb-2026

**Revision Note** Updated format. SDS sections updated: 2, 3, 4, 6, 7, 8, 9, 11, 12, 14, 15, 16.

### Key or legend to abbreviations and acronyms used in the safety data sheet

List may include phrases which are not applicable to this product

|         |                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------|
| ACGIH   | American Conference of Governmental Industrial Hygienists                                           |
| ADN     | Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)     |
| ADR     | Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)                 |
| AIIC    | Australian Inventory of Industrial Chemicals                                                        |
| ATE     | Acute Toxicity Estimate                                                                             |
| ASTM    | American Society for the Testing of Materials                                                       |
| bar     | Biological Reference Values for Chemical Compounds in the Work Area                                 |
| BAT     | Biological tolerance values for occupational exposure                                               |
| BEL     | Biological exposure limits                                                                          |
| bw      | Body weight                                                                                         |
| Ceiling | Maximum limit value                                                                                 |
| CMR     | Carcinogen, Mutagen or Reproductive Toxicant                                                        |
| DOT     | Department of Transportation (United States)                                                        |
| DSL     | Domestic Substances List (Canada)                                                                   |
| EmS     | Emergency Schedule                                                                                  |
| ENCS    | Existing and New Chemical Substances (Japan)                                                        |
| EPA     | U.S. Environmental Protection Agency                                                                |
| GHS     | Globally Harmonized System                                                                          |
| IARC    | International Agency for Research on Cancer                                                         |
| IATA    | International Air Transport Association                                                             |
| IBC     | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ICAO    | International Civil Aviation Organisation                                                           |
| IECSC   | Inventory of Existing Chemical Substances in China                                                  |
| IMDG    | International Maritime Dangerous Goods                                                              |
| IMO     | International Maritime Organization                                                                 |
| ISO     | International Organisation for Standardisation                                                      |
| KECI    | Korean Existing Chemicals Inventory                                                                 |
| LC50    | Lethal Concentration to 50% of a test population                                                    |
| LD50    | Lethal Dose to 50% of a test population (Median Lethal Dose)                                        |
| MAK     | Maximum Concentration at the Workplace                                                              |
| MARPOL  | International Convention for the Prevention of Pollution from Ships                                 |
| n.o.s.  | Not Otherwise Specified                                                                             |
| NOAEC   | No Observed Adverse Effect Concentration                                                            |
| NOAEL   | No Observed Adverse Effect Level                                                                    |
| NOELR   | No Observable Effect Loading Rate                                                                   |
| NZIoC   | New Zealand Inventory of Chemicals                                                                  |
| OECD    | Organisation for Economic Cooperation and Development                                               |
| OEL     | Occupational exposure limits                                                                        |
| PBT     | Persistent, Bioaccumulative and Toxic substance                                                     |
| PICCS   | Philippines Inventory of Chemicals and Chemical Substances                                          |
| PMT     | Persistent, Mobile and Toxic                                                                        |
| PPE     | Personal protective equipment                                                                       |
| QSAR    | Quantitative Structure Activity Relationship                                                        |
| RID     | Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)                 |

|         |                                                       |
|---------|-------------------------------------------------------|
| SADT    | Self-Accelerating Decomposition Temperature           |
| SAR     | Structure-activity relationship                       |
| SDS     | Safety Data Sheet                                     |
| SL      | Surface Limit                                         |
| STEL    | Short Term Exposure Limit                             |
| STOT RE | Specific target organ toxicity - Repeated exposure    |
| STOT SE | Specific target organ toxicity - Single exposure      |
| TCSI    | Taiwan Chemical Substance Inventory                   |
| TDG     | Transport of Dangerous Goods (Canada)                 |
| TSCA    | Toxic Substances Control Act (United States)          |
| TWA     | Time-Weighted Average                                 |
| UN      | United Nations                                        |
| VOC     | Volatile organic compounds                            |
| vPvB    | Very Persistent and Very Bioaccumulative              |
| vPvM    | Very Persistent and Very Mobile                       |
| As      | Allergenic substance                                  |
| DS      | Dermal Sensitiser                                     |
| Ot      | Ototoxicant                                           |
| pOt     | Ototoxicant - potential to cause hearing disorders    |
| PS      | Photosensitiser                                       |
| RS      | Respiratory Sensitiser                                |
| S       | Sensitiser                                            |
| poS     | Sensitiser - capable of causing occupational asthma   |
| Sa      | Simple asphyxiant                                     |
| Sd      | Skin designation                                      |
| pSd     | Skin designation - potential for cutaneous absorption |
| Sdv     | Skin designation - vacated                            |
| Sk      | Skin notation                                         |
| dSk     | Skin notation - danger of cutaneous absorption        |
| pSk     | Skin notation - potential for cutaneous absorption    |

#### Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 U.S. Environmental Protection Agency  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 Australian Industrial Chemicals Introduction Scheme (AICIS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 U.S. National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
 United Nations World Health Organization (WHO)

#### Disclaimer

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

**End of Safety Data Sheet**