# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Hazardous Substances (Safety Data Sheets) Notice 2017. This notice is issued by the Environmental Protection Authority under sections 75 and 76(1)(b), (f), (g) and (h) of the Hazardous Substances and New Organisms Act 1996

**Issuing Date** 14-Oct-2022 **Revision Date** 14-Oct-2022 **Revision Number** 1

## Section 1: Identification

**Product identifier**

**Product Name** INTERIOR CLEANER; K&N 22OZ PUMP SPRAY

**Product Code(s)** 99-0806

**Other means of identification**

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

**Recommended use** Vehicle interior cleaner

**Uses advised against** Use only as directed on product label

**Details of the supplier of the safety data sheet**

**Supplier**
K&N Engineering, Inc.
1455 Citrus Street
Riverside, CA 92507
+1 469-805-6936

**Emergency telephone number**

**Emergency telephone** CHEMTREC (New Zealand): 64-98010034

## Section 2: Hazard identification

**GHS Classification**

Not classified

**Label elements**

**Hazard statements**
Not classified

**Other hazards which do not result in classification**
Causes mild skin irritation.

## Section 3: Composition/information on ingredients

| Chemical name | CAS No | Weight-% |
|---|---|---|
| Diethylene glycol monobutyl ether | 112-34-5 | 1 - < 5 |
| Alcohols, C9-C11, ethoxylated | 68439-46-3 | 1 - < 5 |
| Non-hazardous ingredients | Proprietary | Balance |

## Section 4: First-aid measures

**Description of first aid measures**

**Inhalation** Remove to fresh air.

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

**Skin contact** Wash skin with soap and water. Get medical attention if symptoms occur.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

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

**Symptoms** Prolonged contact may cause redness and irritation.

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

**Note to doctors** Treat symptomatically.

## Section 5: Fire-fighting measures

**Suitable Extinguishing Media**

**Suitable Extinguishing Media** 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** None known based on information supplied.

**Special protective actions for fire-fighters**

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

## Section 6: Accidental release measures

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

**Personal precautions** None under normal use conditions.

**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** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

**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.

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

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

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

## Section 8: Exposure controls/personal protection

**Control parameters**

**Exposure Limits**

| Chemical name | New Zealand | Australia | ACGIH TLV | United Kingdom |
|---|---|---|---|---|
| Diethylene glycol monobutyl ether<br>112-34-5 | - | - | TWA: 10 ppm inhalable fraction and vapor | TWA: 10 ppm<br>TWA: 67.5 mg/m$^3$<br>STEL: 15 ppm<br>STEL: 101.2 mg/m$^3$ |

**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).

**Hand protection** Wear suitable gloves.

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

**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** Avoid release to the environment.

## Section 9: Physical and chemical properties

**Information on basic physical and chemical properties**

**Appearance**
- **Physical state** Liquid
- **Colour** Colourless

**Odour** Sweet, Pleasant, Mild, Alcohol, or Stuffy
**Odour threshold** No information available

| Values | | Remarks • Method |
|---|---|---|
| **pH** | 7 - 8 | |
| **Melting point / freezing point** | > 0 °C | |
| **Initial boiling point and boiling range** | >= 100 °C | |
| **Flash point** | > 93.3 °C | |
| **Evaporation rate** | | No data available |
| **Flammability** | | No data available |
| **Flammability Limit in Air** | | |
| **Upper flammability or explosive limits** | | No data available |
| **Lower flammability or explosive limits** | | No data available |
| **Vapour pressure** | 17.5 mm Hg | |
| **Vapour density** | 1.01 | |
| **Relative density** | 1.01 | |
| **Water solubility** | Completely soluble | |
| **Solubility(ies)** | | No data available |
| **Partition coefficient** | | No data available |
| **Autoignition temperature** | | No data available |
| **Decomposition temperature** | | No data available |
| **Kinematic viscosity** | 3 mm²/s | |
| **Dynamic viscosity** | | No data available |
| **Explosive properties** | No information available. | |
| **Oxidising properties** | No information available. | |

**Other information**

| | |
|---|---|
| **Softening point** | No information available |
| **Molecular weight** | No information available |
| **VOC content** | 0 |
| **Liquid Density** | No information available |
| **Bulk density** | 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

**Acute toxicity**

**Information on likely routes of exposure**

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available. Contact with eyes may cause irritation.

**Skin contact** Specific test data for the substance or mixture is not available. Causes mild skin irritation.

**Ingestion** Specific test data for the substance or mixture is not available.

**Symptoms** Prolonged contact may cause redness and irritation.

**Acute toxicity**

**Numerical measures of toxicity**

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Diethylene glycol monobutyl ether | = 5660 mg/kg ( Rat ) | = 2700 mg/kg ( Rabbit ) | - |
| Alcohols, C9-C11, ethoxylated | = 1400 mg/kg ( Rat ) | - | - |

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

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes mild skin irritation.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitisation** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.
**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**Data used to identify the health effects** Refer to Section 16 for Key literature references and sources for data used to compile the SDS.

## Section 12: Ecological information

**Ecotoxicity**

**Ecotoxicity**

**Aquatic ecotoxicity**

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Diethylene glycol monobutyl ether | EC50: >100mg/L (96h, Desmodesmus subspicatus) | LC50: =1300mg/L (96h, Lepomis macrochirus) | EC50: >100mg/L (48h, Daphnia magna) |

**Terrestrial ecotoxicty** There is no data for this product.

**Persistence and degradability** No information available.

**Bioaccumulative potential**

**Bioaccumulation**

**Component Information**

| Chemical name | Partition coefficient |
|---|---|
| Diethylene glycol monobutyl ether | 1 |

**Mobility in soil**

**Mobility in soil** No information available.

**Other adverse effects**

No information available.

## Section 13: Disposal considerations

**Waste treatment methods**

**Waste from residues/unused products** Not applicable. Not Hazardous.

**Contaminated packaging** Not applicable. Not Hazardous.

## Section 14: Transport information

**IATA** Not regulated

**IMDG** Not regulated

## Section 15: Regulatory information

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

**EPA New Zealand HSNO approval code or group standard** Not applicable

**National regulations** There are no applicable tolerable exposure limits or environmental exposure limits according to the EPA Controls for Hazardous Substances

| | |
|---|---|
| **Certified handlers, tracking and controlled substance license requirements** | Certified handlers are required for some substances. This includes substances requiring a controlled substance license, and most explosives, vertebrates toxic agents, and certain fumigants. Acutely toxic substances which are a Category 1 or 2, such as pesticides also require Certified handlers. Please check the Health and Safety at Work Act 2015 for further information<br>Tracking is required for some highly hazardous substances. These substances need to be under the control of an appropriately trained person or appropriately secured. Please check the Health and Safety at Work Act 2015 for further information<br>Controlled substance licenses are required to possess certain explosives, vertebrate toxic agents and fumigants. See Part 7 of the Health and Safety at Work Regulation 2017 for more information |

**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

**International Inventories**
Contact supplier for inventory compliance status

## Section 16: Other information

| | |
|---|---|
| **Issuing Date** | 14-Oct-2022 |
| **Revision Date** | 14-Oct-2022 |
| **Revision Note** | Initial Release. |

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

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (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
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
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)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

**Disclaimer**

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**End of Safety Data Sheet**