



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: SafeWork Australia Approved Code of Practice about the preparation of safety data sheets for hazardous chemicals (July 2018), which is an approved code of practice under section 274 of the Work Health and Safety Act

Issuing Date 15-Apr-2021

Revision Date 18-Mar-2024

Revision Number 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name RECHARGER KIT; SQUEEZE OIL - RED / FILTER OIL; 8 OZ SQUEEZE BOTTLE

Product Code(s) 99-5050 (kit); 99-0533 (individual)

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended use Air filter moisturization

Uses advised against No information available

Details of manufacturer or importer

Supplier

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

For further information, please contact

Contact Point Product Safety Department

Emergency telephone number

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

SECTION 2: Hazards identification

GHS Classification

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS)

Label elements

Hazard statements

Not classified

Other hazards which do not result in classification

May be harmful if swallowed. May be harmful in contact with skin.

SECTION 3: Composition/information on ingredients

Substance

Not applicable

Mixture

| Chemical name | CAS No | Weight-% |
|---|-------------|----------|
| Lubricating oils, petroleum, hydrotreated spent | 64742-58-1 | 99.245 |
| Non-hazardous ingredients | Proprietary | Balance |

SECTION 4: First aid measures

Description of first aid measures

- Emergency telephone number** Poisons Information Centre, Australia: 13 11 26
- 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. Wash contaminated clothing before reuse.
- Ingestion** If large quantities of this material are swallowed, call a doctor immediately.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

Suitable Extinguishing Media

Suitable Extinguishing Media Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing media Water spray jet.

Specific hazards arising from the chemical

Specific hazards arising from the chemical Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous combustion products Oxides of sulphur. Aldehydes. Ketones and their derivatives. Carbon monoxide. Organic compounds.

Special protective actions for fire-fighters

Special protective equipment 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 Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Extremely slippery when spilled. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Deny entry to unauthorized and unprotected personnel.

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 Dyke far ahead of liquid spill for later disposal.

Methods for cleaning up Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

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. Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Avoid breathing vapours or mists. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities

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

Incompatible materials Strong oxidising agents.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure 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 Goggles.

| | |
|--|--|
| Skin and body protection | Wear suitable protective clothing. |
| Hand protection | Impervious gloves. Protective 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. |

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

| | | |
|--|---------------------------|-------------------|
| Appearance | Oily liquid | |
| Physical state | Liquid | |
| Colour | Red | |
| Odour | Petroleum | |
| Odour threshold | No information available | |
| pH | | No data available |
| Melting point / freezing point | | No data available |
| Initial boiling point and boiling range | > 260 °C | |
| Flash point | > 232 °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 | | No data available |
| Vapour density | | No data available |
| Relative density | 0.86 | |
| Water solubility | Insoluble | |
| Solubility(ies) | | No data available |
| Partition coefficient | | No data available |
| Autoignition temperature | | No data available |
| Decomposition temperature | | No data available |
| Kinematic viscosity | | No data available |
| 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 (%) | No information available | |
| 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 Extremes of temperature and direct sunlight.

Incompatible materials

Incompatible materials Strong oxidising agents.

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. May be harmful in contact with skin.
- Ingestion** Specific test data for the substance or mixture is not available. May be harmful if swallowed.

Symptoms None known.

Numerical measures of toxicity - Product Information

Numerical measures of toxicity

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

- ATEmix (oral)** 2,519.00 mg/kg
- ATEmix (dermal)** 4,514.10 mg/kg

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------|-------------------------|-----------------|
| Lubricating oils, petroleum, hydrotreated spent | > 2000 mg/kg (Rat) | > 4480 mg/kg (Rabbit) | - |

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

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity The classification listed below for the lubricating oils in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The lubricating oils in this product do not meet that criteria to be classified as carcinogens.

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

| Chemical name | Australia |
|--|-----------|
| Lubricating oils, petroleum, hydrotreated spent - 64742-58-1 | Carc. 1B |

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

SECTION 12: Ecological information

Ecotoxicity

Ecotoxicity The environmental impact of this product has not been fully investigated.

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

Bioaccumulation No information available.

Mobility

Mobility in soil No information available.

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

SECTION 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.

SECTION 14: Transport information

ADG Not regulated

IATA Not regulated

IMDG Not regulated

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

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 15-Apr-2021
Revision Date 18-Mar-2024
Revision Note SDS Section Updated: 1

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
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

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



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: SafeWork Australia Approved Code of Practice about the preparation of safety data sheets for hazardous chemicals (July 2020), which is an approved code of practice under section 274 of the Work Health and Safety Act

Issuing Date 10-Feb-2021

Revision Date 18-Mar-2024

Revision Number 5

Section 1: Identification

Product identifier

Product Name RECHARGER KIT; SQUEEZE OIL - RED / POWER KLEEN; FILTER CLEANER; 12 OZ PUMP SPRAY

Product Code(s) 99-5050(kit); 99-0606 (individual)

Other means of identification

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Cleaning agent for car air filter

Uses advised against No information available

Details of manufacturer or importer

Supplier

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

For further information, please contact _____

Emergency telephone number

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

Section 2: Hazard(s) identification

GHS Classification

| | |
|--|------------|
| Serious eye damage/eye irritation | Category 2 |
|--|------------|

Label elements

Exclamation mark



Signal word
WARNING

Hazard statements

Causes serious eye irritation

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal receptacle

Other hazards which do not result in classification

Causes mild skin irritation.

Section 3: Composition/information on ingredients

| Chemical name | CAS No. | Weight-% |
|---|-------------|-----------|
| Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- | 34398-01-1 | 1 - 3 |
| 1-Dodecanamine, N,N-dimethyl-, N-oxide | 1643-20-5 | 0.5 - 1.5 |
| Tetrasodium EDTA tetrahydrate | 13235-36-4 | 0.1 - 1 |
| Sodium carbonate | 497-19-8 | 0.1 - 1 |
| 1-Tetradecanamine, N,N-dimethyl-, N-oxide | 3332-27-2 | 0.1 - 1 |
| Non-hazardous ingredients | Proprietary | Balance |

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

| | |
|---|---|
| General advice | Show this safety data sheet to the doctor in attendance. |
| Emergency telephone number | Poisons Information Centre, Australia: 13 11 26 |
| Inhalation | Remove to fresh air. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| Skin contact | Wash skin with soap and water. Get medical attention if symptoms occur. |
| Ingestion | Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor. |
| Self-protection of the first aider | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8). |

Most important symptoms and effects, both acute and delayed

| | |
|----------------------------|---|
| Symptoms | May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation. |
| Effects of Exposure | See Section 11 for additional Toxicological Information. |

Indication of any immediate medical attention and special treatment needed

| | |
|------------------------|------------------------|
| Note to doctors | Treat symptomatically. |
|------------------------|------------------------|

Section 5: Firefighting 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** Thermal decomposition can lead to release of irritating gases and vapours.

- Hazardous combustion products** Carbon oxides, Sodium oxides, Phosphorus oxides.

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** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
- Other information** Refer to protective measures listed in Sections 7 and 8.
- 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. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.
- General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

- Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.
- Incompatible materials** Strong oxidising agents.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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 Pink, Clear liquid
Physical state Liquid
Colour Pink
Odour Faint
Odour threshold No information available

Values

pH 10
Melting point / freezing point
Initial boiling point and boiling range
Flash point
Evaporation rate
Flammability
Flammability Limit in Air
Upper flammability or explosive limits
Lower flammability or explosive limits
Vapour pressure
Relative vapour density
Relative density 1.03

Remarks • Method

No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available

| | | |
|---------------------------|------------------|-------------------|
| Water solubility | Soluble in water | |
| Solubility(ies) | | No data available |
| Partition coefficient | | No data available |
| Autoignition temperature | | No data available |
| Decomposition temperature | | No data available |
| Kinematic viscosity | | No data available |
| Dynamic viscosity | | No data available |

Other information

| | |
|--------------------------|--------------------------|
| Softening point | No information available |
| Molecular weight | No information available |
| VOC content | No information available |
| Liquid Density | No information available |
| Bulk density | No information available |
| Particle characteristics | 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 Incompatible materials.

Incompatible materials

Incompatible materials Strong oxidising agents.

Hazardous decomposition products

Hazardous decomposition products Thermal decomposition can lead to release of irritating gases and vapours, Carbon oxides, Sodium oxides, Phosphorus oxides.

Section 11: Toxicological information**Information on likely routes of exposure****Product Information**

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

| | |
|---------------------|--|
| Skin contact | Specific test data for the substance or mixture is not available. Causes mild skin irritation. Prolonged contact may cause redness and irritation. |
| Ingestion | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. |
| Symptoms | May cause redness and tearing of the eyes. Prolonged contact may cause redness and irritation. |

Acute toxicity**Numerical measures of toxicity - Product Information****Numerical measures of toxicity**

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

| | |
|--------------------------------------|---------------|
| ATEmix (oral) | > 5,000 mg/kg |
| ATEmix (dermal) | > 5,000 mg/kg |
| ATEmix (inhalation-dust/mist) | > 10 mg/l |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------|----------------------|-------------------------|--------------------------------------|
| Sodium carbonate | = 4090 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 2300 mg/m ³ (Rat) 2 h |

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 | Classification based on data available for ingredients. Causes serious eye irritation. |
| 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. |

Section 12: Ecological information**Ecotoxicity****Aquatic ecotoxicity**

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--|----------------------|---|----------------------------|-------------------------------------|
| 1-Dodecanamine, N,N-dimethyl-, N-oxide | - | LC50: =134mg/L (96h, Danio rerio) | - | - |
| Sodium carbonate | - | LC50: =300mg/L (96h, Lepomis macrochirus) | - | EC50: =265mg/L (48h, Daphnia magna) |

| | | | | |
|--|---|---|---|---|
| | | LC50: 310 - 1220mg/L (96h, Pimephales promelas) | | |
| 1-Tetradecanamine, N,N-dimethyl-, N-oxide | - | LC50: =10.3mg/L (96h, Danio rerio) | - | - |

Terrestrial ecotoxicity There is no data for this product.

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

Bioaccumulation No information available.

Mobility

Mobility No information available.

Other adverse effects

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 MARPOL 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 |
|---|---|--|
| Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- - 34398-01-1 | Present | Specific information requirement: Obligations to provide information apply. You must tell us within 28 days if the circumstances of your importation or manufacture (introduction) are different to those in our assessment. |
| 1-Dodecanamine, N,N-dimethyl-, N-oxide - 1643-20-5 | Present | - |
| Tetrasodium EDTA tetrahydrate - 13235-36-4 | Present | - |
| Sodium carbonate - 497-19-8 | Present | - |
| 1-Tetradecanamine, N,N-dimethyl-, N-oxide - 3332-27-2 | Present | - |

Illicit Drug Precursors/Reagents

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

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 10-Feb-2021

Revision Date 18-Mar-2024

Revision Note Change in classification. SDS sections updated: 2, 3, 4, 7, 8, 11.

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

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
 vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances
 STOT: Specific Target Organ Toxicity
 ATE: Acute Toxicity Estimate
 LC50: 50% Lethal Concentration
 LD50: 50% Lethal Dose

Legend Section 8: Exposure controls/personal protection

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

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End of Safety Data Sheet