

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
Date of first issue: 06/24/2021

SECTION 1. IDENTIFICATION

Product name : PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g
Product code : 892.160
Other means of identification : No data available

Manufacturer or supplier's details

Company name of supplier : Würth Canada Limited
Address : 345 Hanlon Creek Blvd
GUELPH, ON N1C 0A1
Telephone : +1 (905) 564 6225
Telefax : +1 (905) 564 3671
Emergency telephone : Emergencies involving a spill, fire, explosion or exposure:
CHEMTREC (24/7): 1-800-424-9300
Transport related emergencies:
CANUTEC (24/7): 1-613-996-6666 or * 666 (cell)

Urgences impliquant un déversement, incendie, explosion ou exposition:
CHEMTREC (24/7): 1-800-424-9300
Urgences liées au transport:
CANUTEC (24/7): 1-613-996-6666 ou * 666 (cellulaire)

E-mail address : prodsafe@wurth.ca

Recommended use of the chemical and restrictions on use

Recommended use : Cleaning agent
Detergent

Restrictions on use : Not applicable

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the Hazardous Products Regulations**

Flammable aerosols : Category 1
Gases under pressure : Compressed gas
Eye irritation : Category 2A
Specific target organ toxicity : Category 3

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
Date of first issue: 06/24/2021

- single exposure

GHS label elements

Hazard pictograms



Signal Word

: Danger

Hazard Statements

: H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary Statements

: **Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye protection and face protection.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F).

Disposal:

P501 Dispose of contents and container to an approved waste disposal plant.

Other hazards

Repeated exposure may cause skin dryness or cracking.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
 Date of first issue: 06/24/2021

Components

| Chemical name | Common Name/Synonym | CAS-No. | Concentration (% w/w) |
|----------------|-----------------------|----------|-----------------------|
| Acetone | 2-Propanone | 67-64-1 | $\geq 60 - < 80$ * |
| Dimethyl ether | Methane, 1,1'-oxybis- | 115-10-6 | $\geq 10 - < 30$ * |
| Carbon dioxide | Carbonic anhydride | 124-38-9 | $\geq 1 - < 5$ * |

* Actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
 When symptoms persist or in all cases of doubt seek medical advice.
- If inhaled : If inhaled, remove to fresh air.
 Get medical attention if symptoms occur.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water.
 Get medical attention if symptoms occur.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
 If easy to do, remove contact lens, if worn.
 Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.
 Get medical attention if symptoms occur.
 Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : Prolonged or repeated contact may dry skin and cause irritation.
 Causes serious eye irritation.
 May cause drowsiness or dizziness.
- Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
- Notes to physician : Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
 Alcohol-resistant foam
 Carbon dioxide (CO₂)
 Dry chemical
- Unsuitable extinguishing : None known.

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.4 | Revision Date: 04/03/2023 | SDS Number: 8785977-00005 | Date of last issue: 11/17/2022 Date of first issue: 06/24/2021 |
|----------------|------------------------------|------------------------------|---|

media

- Specific hazards during fire fighting : Flash back possible over considerable distance.
Vapors may form explosive mixtures with air.
Exposure to combustion products may be a hazard to health.
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.
- Hazardous combustion products : Carbon oxides
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition.
Use personal protective equipment.
Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
- Environmental precautions : Avoid release to the environment.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g., by containment or oil barriers).
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Non-sparking tools should be used.
Soak up with inert absorbent material.
Suppress (knock down) gases/vapors/mists with a water spray jet.
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.
Clean up remaining materials from spill with suitable absorbent.
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 11/17/2022 |
| 1.4 | 04/03/2023 | 8785977-00005 | Date of first issue: 06/24/2021 |

SECTION 7. HANDLING AND STORAGE

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : If sufficient ventilation is unavailable, use with local exhaust ventilation.
If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventilation.
- Advice on safe handling : Do not get on skin or clothing.
Avoid breathing spray.
Do not swallow.
Do not get in eyes.
Wash skin thoroughly after handling.
Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Take precautionary measures against static discharges.
Take care to prevent spills, waste and minimize release to the environment.
Do not spray on an open flame or other ignition source.

Do not breathe decomposition products.
- Conditions for safe storage : Store locked up.
Keep tightly closed.
Keep in a cool, well-ventilated place.
Store in accordance with the particular national regulations.
Do not pierce or burn, even after use.
Keep cool. Protect from sunlight.
- Materials to avoid : Do not store with the following product types:
Self-reactive substances and mixtures
Organic peroxides
Oxidizing agents
Flammable solids
Pyrophoric liquids
Pyrophoric solids
Self-heating substances and mixtures
Substances and mixtures which in contact with water emit flammable gases
Explosives
Gases
- Recommended storage temperature : < 40 °C

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
 Date of first issue: 06/24/2021

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis | | |
|------------|--|----------------------------------|--|-----------|--------------------------------------|-----------|
| Acetone | 67-64-1 | TWA | 500 ppm 1,200 mg/m ³ | CA AB OEL | | |
| | | STEL | 750 ppm 1,800 mg/m ³ | CA AB OEL | | |
| | | TWA | 250 ppm | CA BC OEL | | |
| | | STEL | 500 ppm | CA BC OEL | | |
| | | TWAEV | 500 ppm 1,190 mg/m ³ | CA QC OEL | | |
| | | STEV | 1,000 ppm 2,380 mg/m ³ | CA QC OEL | | |
| | | TWA | 250 ppm | ACGIH | | |
| | | STEL | 500 ppm | ACGIH | | |
| | | Dimethyl ether | 115-10-6 | TWA | 1,000 ppm | CA BC OEL |
| | | Carbon dioxide | 124-38-9 | TWA | 5,000 ppm 9,000 mg/m ³ | CA AB OEL |
| STEL | 30,000 ppm 54,000 mg/m ³ | | | CA AB OEL | | |
| TWA | 5,000 ppm | | | CA BC OEL | | |
| STEL | 15,000 ppm | | | CA BC OEL | | |
| STEV | 30,000 ppm 54,000 mg/m ³ | | | CA QC OEL | | |
| TWAEV | 5,000 ppm 9,000 mg/m ³ | | | CA QC OEL | | |
| TWA | 5,000 ppm | | | ACGIH | | |
| STEL | 30,000 ppm | | | ACGIH | | |

Occupational exposure limits of decomposition products

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|--------------|---------|----------------------------------|--|-----------|
| Formaldehyde | 50-00-0 | TWA | 0.75 ppm 0.9 mg/m ³ | CA AB OEL |
| | | (c) | 1 ppm 1.3 mg/m ³ | CA AB OEL |
| | | TWA | 0.1 ppm | CA BC OEL |
| | | STEL | 0.3 ppm | CA BC OEL |
| | | STEL | 1 ppm | CA ON OEL |
| | | C | 1.5 ppm | CA ON OEL |
| | | C | 2 ppm 3 mg/m ³ | CA QC OEL |
| | | TWA | 0.1 ppm | ACGIH |
| | | STEL | 0.3 ppm | ACGIH |
| | | Methanol | 67-56-1 | TWA |

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
 Date of first issue: 06/24/2021

| | | | | |
|--|--|-------|----------------------------------|-----------|
| | | STEL | 250 ppm 328 mg/m ³ | CA AB OEL |
| | | TWA | 200 ppm | CA BC OEL |
| | | STEL | 250 ppm | CA BC OEL |
| | | STEV | 250 ppm 328 mg/m ³ | CA QC OEL |
| | | TWAEV | 200 ppm 262 mg/m ³ | CA QC OEL |
| | | TWA | 200 ppm | ACGIH |
| | | STEL | 250 ppm | ACGIH |

Biological occupational exposure limits

| Components | CAS-No. | Control parameters | Biological specimen | Sampling time | Permissible concentration | Basis |
|------------|---------|--------------------|---------------------|--|---------------------------|-----------|
| Acetone | 67-64-1 | Acetone | Urine | End of shift (As soon as possible after exposure ceases) | 25 mg/l | ACGIH BEI |

Engineering measures : Processing may form hazardous compounds (see section 10).
 Minimize workplace exposure concentrations.
 If sufficient ventilation is unavailable, use with local exhaust ventilation.
 If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventilation.

Personal protective equipment

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

Filter type : Self-contained breathing apparatus

Hand protection

Material : butyl-rubber
 Break through time : > 480 min
 Glove thickness : 0.7 mm

Remarks : Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection : Wear the following personal protective equipment:

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.4 | Revision Date: 04/03/2023 | SDS Number: 8785977-00005 | Date of last issue: 11/17/2022 Date of first issue: 06/24/2021 |
|----------------|------------------------------|------------------------------|---|

- Safety goggles
- Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Wear the following personal protective equipment:
If assessment demonstrates that there is a risk of explosive atmospheres or flash fires, use flame retardant antistatic protective clothing.
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).
- Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.
When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.
-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : aerosol
- Propellant : Dimethyl ether, Carbon dioxide
- Color : colorless
- Odor : characteristic
- Odor Threshold : No data available
- pH : Solvent mixture; pH value determination not possible, no aqueous solution
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : -57 - 57 °C
- Flash point : -18 °C
Flash point is only valid for liquid portion in the aerosol can.
- Evaporation rate : 5.6
- Flammability (solid, gas) : Extremely flammable aerosol.
- Upper explosion limit / Upper : 27 %(V)
-

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 11/17/2022 |
| 1.4 | 04/03/2023 | 8785977-00005 | Date of first issue: 06/24/2021 |

flammability limit

Lower explosion limit / Lower flammability limit : 3 %(V)

Vapor pressure : 533,320 Pa (20 °C)

Relative vapor density : Not applicable

Density : 0.78 g/cm³ (20 °C)

Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-octanol/water : Not applicable

Autoignition temperature : 350 °C

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : 1 mPa.s (20 °C)

Viscosity, kinematic : 1 mm²/s (40 °C)

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Particle size : Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Extremely flammable aerosol.
Vapors may form explosive mixture with air.
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.
Can react with strong oxidizing agents.
Hazardous decomposition products will be formed at elevated temperatures.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Oxidizing agents

Hazardous decomposition products

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.4 | Revision Date: 04/03/2023 | SDS Number: 8785977-00005 | Date of last issue: 11/17/2022 Date of first issue: 06/24/2021 |
|----------------|------------------------------|------------------------------|---|

Thermal decomposition : Formaldehyde
Methanol

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation
Skin contact
Ingestion
Eye contact

Acute toxicity

Not classified based on available information.

Components:**Acetone:**

Acute oral toxicity : LD50 (Rat): 5,800 mg/kg
Acute inhalation toxicity : LC50 (Rat): 76 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Acute dermal toxicity : LD50 (Rabbit): 7,426 mg/kg

Dimethyl ether:

Acute inhalation toxicity : LC50 (Rat): 164000 ppm
Exposure time: 4 h
Test atmosphere: gas

Carbon dioxide:

Acute inhalation toxicity : LC50 (Rat): 40000 - 50000 ppm
Exposure time: 30 min
Test atmosphere: vapor

Skin corrosion/irritation

Not classified based on available information.

Components:**Acetone:**

Assessment : Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:**Acetone:**

Species : Rabbit
Result : Irritation to eyes, reversing within 21 days

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
Date of first issue: 06/24/2021

Method : OECD Test Guideline 405

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:**Acetone:**

Test Type : Maximization Test
Routes of exposure : Skin contact
Species : Guinea pig
Result : negative

Germ cell mutagenicity

Not classified based on available information.

Components:**Acetone:**

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Result: negative

Test Type: Bacterial reverse mutation assay (AMES)
Result: negative

Test Type: Chromosome aberration test in vitro
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)
Species: Mouse
Application Route: Ingestion
Result: negative

Dimethyl ether:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Method: OECD Test Guideline 471
Result: negative

Test Type: Chromosome aberration test in vitro
Method: OECD Test Guideline 473
Result: negative

Test Type: In vitro mammalian cell gene mutation test
Method: OECD Test Guideline 476
Result: negative

Genotoxicity in vivo : Test Type: Sex-linked recessive lethal test in Drosophila mel-

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
Date of first issue: 06/24/2021

anogaster (in vivo)
Application Route: inhalation (gas)
Result: negative

Carcinogenicity

Not classified based on available information.

Components:**Acetone:**

Species : Mouse
Application Route : Skin contact
Exposure time : 424 days
Result : negative

Dimethyl ether:

Species : Rat
Application Route : inhalation (vapor)
Exposure time : 2 Years
Result : negative

Reproductive toxicity

Not classified based on available information.

Components:**Acetone:**

Effects on fertility : Test Type: One-generation reproduction toxicity study
Species: Rat
Application Route: Ingestion
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development
Species: Rat
Application Route: inhalation (vapor)
Result: negative

Dimethyl ether:

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test
Species: Rat
Application Route: inhalation (vapor)
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development
Species: Rat
Application Route: inhalation (vapor)
Result: negative

STOT-single exposure

May cause drowsiness or dizziness.

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
Date of first issue: 06/24/2021

Components:**Acetone:**

Assessment : May cause drowsiness or dizziness.

Dimethyl ether:

Assessment : May cause drowsiness or dizziness.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity**Components:****Acetone:**

Species : Rat
NOAEL : 900 mg/kg
LOAEL : 1,700 mg/kg
Application Route : Ingestion
Exposure time : 90 Days

Species : Rat
NOAEL : 45 mg/l
Application Route : inhalation (vapor)
Exposure time : 8 Weeks

Dimethyl ether:

Species : Rat
NOAEL : 47.11 mg/l
Application Route : inhalation (vapor)
Exposure time : 2 y

Aspiration toxicity

Not classified based on available information.

Components:**Acetone:**

The substance or mixture causes concern owing to the assumption that it causes a human aspiration toxicity hazard.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Acetone:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 5,540 mg/l

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

Version 1.4 Revision Date: 04/03/2023 SDS Number: 8785977-00005 Date of last issue: 11/17/2022
Date of first issue: 06/24/2021

Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 8,800 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): 7,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): >= 79 mg/l
Exposure time: 21 d
Method: OECD Test Guideline 211

Toxicity to microorganisms : EC50: 61,150 mg/l
Exposure time: 30 min
Method: ISO 8192

Dimethyl ether:

Toxicity to fish : LC50 (Poecilia reticulata (guppy)): > 4,100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 4,400 mg/l
Exposure time: 48 h

Toxicity to microorganisms : EC10 (Pseudomonas putida): > 1,600 mg/l

Carbon dioxide:

Toxicity to fish : NOEC (Lepomis macrochirus (Bluegill sunfish)): > 100 mg/l
Exposure time: 96 h
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : NOEC (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
Remarks: Based on data from similar materials

Persistence and degradability**Components:****Acetone:**

Biodegradability : Result: Readily biodegradable.
Biodegradation: 91 %
Exposure time: 28 d

Dimethyl ether:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 5 %
Exposure time: 28 d
Method: OECD Test Guideline 301D

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.4 | Revision Date: 04/03/2023 | SDS Number: 8785977-00005 | Date of last issue: 11/17/2022 Date of first issue: 06/24/2021 |
|----------------|------------------------------|------------------------------|---|

Bioaccumulative potential**Components:****Acetone:**

Partition coefficient: n-octanol/water : log Pow: -0.27 - -0.23

Dimethyl ether:

Partition coefficient: n-octanol/water : log Pow: 0.2

Carbon dioxide:

Partition coefficient: n-octanol/water : log Pow: 0.83

Mobility in soil

No data available

Other adverse effectsNo data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Do not dispose of waste into sewer.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. Empty containers retain residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and/or death. If not otherwise specified: Dispose of as unused product. Please ensure aerosol cans are sprayed completely empty (including propellant)

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

| | |
|----------------------|------------------------------|
| UN number | : UN 1950 |
| Proper shipping name | : AEROSOLS |
| Class | : 2.1 |
| Packing group | : Not assigned by regulation |
| Labels | : 2.1 |

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 11/17/2022 |
| 1.4 | 04/03/2023 | 8785977-00005 | Date of first issue: 06/24/2021 |

IATA-DGR

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|--|------------------------------|
| UN/ID No. | : UN 1950 |
| Proper shipping name | : Aerosols, flammable |
| Class | : 2.1 |
| Packing group | : Not assigned by regulation |
| Labels | : Flammable Gas |
| Packing instruction (cargo aircraft) | : 203 |
| Packing instruction (passenger aircraft) | : 203 |

IMDG-Code

| | |
|----------------------|------------------------------|
| UN number | : UN 1950 |
| Proper shipping name | : AEROSOLS |
| Class | : 2.1 |
| Packing group | : Not assigned by regulation |
| Labels | : 2.1 |
| EmS Code | : F-D, S-U |
| Marine pollutant | : no |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**TDG**

| | |
|----------------------|------------------------------|
| UN number | : UN 1950 |
| Proper shipping name | : AEROSOLS |
| Class | : 2.1 |
| Packing group | : Not assigned by regulation |
| Labels | : 2.1 |
| ERG Code | : 126 |
| Marine pollutant | : no |

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

| | |
|---|---|
| Volatile organic compounds (VOC) content | CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999 - Guidelines for VOC in Consumer Products VOC content: 96 % / 815 g/l Remarks: VOC content excluding water and exempt compounds |
|---|---|

The ingredients of this product are reported in the following inventories:

| | |
|-----|--|
| DSL | : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL). |
|-----|--|

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 11/17/2022 |
| 1.4 | 04/03/2023 | 8785977-00005 | Date of first issue: 06/24/2021 |

SECTION 16. OTHER INFORMATION
Full text of other abbreviations

| | | |
|--------------------|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| ACGIH BEI | : | ACGIH - Biological Exposure Indices (BEI) |
| CA AB OEL | : | Canada. Alberta, Occupational Health and Safety Code (table 2: OEL) |
| CA BC OEL | : | Canada. British Columbia OEL |
| CA ON OEL | : | Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act. |
| CA QC OEL | : | Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| ACGIH / STEL | : | Short-term exposure limit |
| CA AB OEL / TWA | : | 8-hour Occupational exposure limit |
| CA AB OEL / STEL | : | 15-minute occupational exposure limit |
| CA AB OEL / (c) | : | ceiling occupational exposure limit |
| CA BC OEL / TWA | : | 8-hour time weighted average |
| CA BC OEL / STEL | : | short-term exposure limit |
| CA ON OEL / C | : | Ceiling Limit (C) |
| CA ON OEL / STEL | : | Short-Term Exposure Limit (STEL) |
| CA QC OEL / TWA EV | : | Time-weighted average exposure value |
| CA QC OEL / STEV | : | Short-term exposure value |
| CA QC OEL / C | : | Ceiling |

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; 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; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation,

PURLOGIC CLEAN, Polyurethane foam cleaner, 382 g

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Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

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Date format : mm/dd/yyyy

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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