

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

---

### SECTION 1. IDENTIFICATION

Product name : BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Product code : 890.108754

Other means of identification : No data available

#### Manufacturer or supplier's details

Company name of supplier : Würth Canada Limited/Limitée

Address : 345 Hanlon Creek Blvd  
GUELPH, ON N1C 0A1

Telephone : 1-800-263-5002

Telefax : 1-905-564-3671

Emergency telephone : Emergencies involving a spill, fire, explosion or exposure:  
CHEMTREC (24/7): 1-800-424-9300

Urgences impliquant un déversement, incendie, explosion ou exposition: CHEMTREC (24/7): 1-800-424-9300

E-mail address : prodsafe@wurth.ca

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

Recommended use : Cleaning agent  
Automotive  
Detergent

Restrictions on use : Not applicable

---

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Flammable liquids : Category 2

Eye irritation : Category 2A

Specific target organ toxicity : Category 3  
- single exposure

Aspiration hazard : Category 1

#### GHS label elements

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version 2.1      Revision Date: 05/28/2025      SDS Number: 11400678-00003      Date of last issue: 05/15/2025  
Date of first issue: 06/12/2024

Hazard pictograms

:



Signal Word

:

Danger

Hazard Statements

:

H225 Highly flammable liquid and vapor.  
H304 May be fatal if swallowed and enters airways.  
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.  
P261 Avoid breathing mist or vapors.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves, protective clothing, eye protection and face protection.

**Response:**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
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.  
P331 Do NOT induce vomiting.  
P337 + P313 If eye irritation persists: Get medical attention.  
P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

**Storage:**

P405 Store locked up.

**Disposal:**

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

**Other hazards**

Vapors may form explosive mixture with air.  
Repeated exposure may cause skin dryness or cracking.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

:

Mixture

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version 2.1      Revision Date: 05/28/2025      SDS Number: 11400678-00003      Date of last issue: 05/15/2025  
Date of first issue: 06/12/2024

### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Acetone	2-Propanone	67-64-1	$\geq 80 - < 100$ *
Naphtha (petroleum), hydrotreated light	Low boiling point hydrogen treated naphtha	64742-49-0	$\geq 5 - < 10$ *
Propan-2-ol	Isopropyl alcohol	67-63-0	$\geq 5 - < 10$ *

\* 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.  
Remove contaminated clothing and shoes.  
Get medical attention.  
Wash clothing before reuse.  
Thoroughly clean shoes before reuse.
- 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.  
If vomiting occurs have person lean forward.  
Call a physician or poison control center immediately.  
Rinse mouth thoroughly with water.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
Prolonged or repeated contact may dry skin and cause irritation.
- 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.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

---

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.  
Flash back possible over considerable distance.  
Vapors may form explosive mixtures with air.  
Exposure to combustion products may be a hazard to health.
- 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.  
Ventilate the area.  
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 : Non-sparking tools should be used.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

containment and cleaning up

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.

### 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.  
Use explosion-proof electrical, ventilating and lighting equipment.

Advice on safe handling : Do not get on skin or clothing.  
Avoid breathing mist or vapors.  
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  
Non-sparking tools should be used.  
Keep container tightly closed.  
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.

Conditions for safe storage : Keep in properly labeled containers.  
Store locked up.  
Keep tightly closed.  
Keep in a cool, well-ventilated place.  
Store in accordance with the particular national regulations.  
Keep away from heat and sources of ignition.

Materials to avoid : Do not store with the following product types:  
Strong oxidizing agents  
Self-reactive substances and mixtures  
Organic peroxides

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version  
2.1

Revision Date:  
05/28/2025

SDS Number:  
11400678-00003

Date of last issue: 05/15/2025  
Date of first issue: 06/12/2024

Flammable solids  
Pyrophoric liquids  
Pyrophoric solids  
Self-heating substances and mixtures  
Substances and mixtures which in contact with water emit flammable gases  
Explosives  
Gases  
Very acutely toxic substances and mixtures

Recommended storage temperature : < 50 °C

### 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 <sup>3</sup>	CA AB OEL
		STEL	750 ppm 1,800 mg/m <sup>3</sup>	CA AB OEL
		TWA	250 ppm	CA BC OEL
		STEL	500 ppm	CA BC OEL
		TWAEV	250 ppm	CA QC OEL
		STEV	500 ppm	CA QC OEL
		TWA	250 ppm	ACGIH
Naphtha (petroleum), hydrotreated light	64742-49-0	TWA (Mist)	5 mg/m <sup>3</sup>	CA AB OEL
		STEL (Mist)	10 mg/m <sup>3</sup>	CA AB OEL
Propan-2-ol	67-63-0	STEL	400 ppm 984 mg/m <sup>3</sup>	CA AB OEL
		TWA	200 ppm 492 mg/m <sup>3</sup>	CA AB OEL
		TWA	200 ppm	CA BC OEL
		STEL	400 ppm	CA BC OEL
		TWAEV	200 ppm	CA QC OEL
		STEV	400 ppm	CA QC OEL
		TWA	200 ppm	ACGIH
STEL	400 ppm	ACGIH		

#### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Propan-2-ol	67-63-0	Acetone	Urine	End of shift at	40 mg/l	ACGIH BEI

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version 2.1      Revision Date: 05/28/2025      SDS Number: 11400678-00003      Date of last issue: 05/15/2025  
Date of first issue: 06/12/2024

				end of work-week		
Acetone	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	25 mg/l	ACGIH BEI

**Engineering measures** : Minimize workplace exposure concentrations.  
If sufficient ventilation is unavailable, use with local exhaust ventilation.  
Use explosion-proof electrical, ventilating and lighting equipment.

### 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.  
In the case of vapor formation use a respirator with an approved filter.

Filter type : Organic vapor Type

### Hand protection

Material : butyl-rubber

Material : Silver Shield(R) gloves

**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. Breakthrough time is not determined for the product. Change gloves often!

**Eye protection** : Wear the following personal protective equipment:  
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).

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

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	: liquid
Color	: colorless
Odor	: acetone-like
Odor Threshold	: No data available
pH	: Solvent mixture; pH value determination not possible, no aqueous solution
Melting point/freezing point	: -18 - -17 °C
Initial boiling point and boiling range	: 56 °C
Flash point	: -18 °C
Evaporation rate	: > 1 (Butyl Acetate=1.0)
Flammability (solid, gas)	: Not applicable
Flammability (liquids)	: Ignitable (see flash point)
Self-ignition	: 465 - 560 °C
Upper explosion limit / Upper flammability limit	: 14.3 %(V)
Lower explosion limit / Lower flammability limit	: 2.5 %(V)
Vapor pressure	: No data available
Relative vapor density	: > 1 (Air = 1.0)

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

---

Relative density	:	0.780 - 0.800
Solubility(ies)	:	
Water solubility	:	completely miscible
Partition coefficient: n-octanol/water	:	Not applicable
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, kinematic	:	No data available
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Particle characteristics	:	
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	:	Highly flammable liquid and vapor. Vapors may form explosive mixture with air. Can react with strong oxidizing agents.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Skin contact  
Ingestion  
Eye contact

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version 2.1      Revision Date: 05/28/2025      SDS Number: 11400678-00003      Date of last issue: 05/15/2025  
Date of first issue: 06/12/2024

---

### 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

#### Naphtha (petroleum), hydrotreated light:

- Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
- Acute inhalation toxicity : LC50 (Rat): > 5.6 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity
- Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

#### Propan-2-ol:

- Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
- Acute inhalation toxicity : LC50 (Rat): > 25 mg/l  
Exposure time: 6 h  
Test atmosphere: vapor
- Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

### Skin corrosion/irritation

Not classified based on available information.

### Components:

#### Acetone:

- Assessment : Repeated exposure may cause skin dryness or cracking.

#### Naphtha (petroleum), hydrotreated light:

- Species : Rabbit  
Method : OECD Test Guideline 404  
Result : Skin irritation

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version 2.1      Revision Date: 05/28/2025      SDS Number: 11400678-00003      Date of last issue: 05/15/2025  
Date of first issue: 06/12/2024

---

### Propan-2-ol:

Species : Rabbit  
Result : No skin irritation

### Serious eye damage/eye irritation

Causes serious eye irritation.

### Components:

#### Acetone:

Species : Rabbit  
Result : Irritation to eyes, reversing within 21 days  
Method : OECD Test Guideline 405

#### Naphtha (petroleum), hydrotreated light:

Species : Rabbit  
Result : No eye irritation  
Method : OECD Test Guideline 405

### Propan-2-ol:

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

### 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

#### Naphtha (petroleum), hydrotreated light:

Test Type : Buehler Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

### Propan-2-ol:

Test Type : Buehler Test  
Routes of exposure : Skin contact

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

---

Species : Guinea pig  
Method : OECD Test Guideline 406  
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

#### Naphtha (petroleum), hydrotreated light:

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

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo  
cytogenetic assay)  
Species: Rat  
Application Route: Intraperitoneal injection  
Method: OPPTS 870.5395  
Result: negative

#### Propan-2-ol:

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

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

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

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version 2.1      Revision Date: 05/28/2025      SDS Number: 11400678-00003      Date of last issue: 05/15/2025  
Date of first issue: 06/12/2024

---

### **Carcinogenicity**

Not classified based on available information.

### **Components:**

#### **Acetone:**

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

#### **Naphtha (petroleum), hydrotreated light:**

Species : Mouse  
Application Route : Skin contact  
Exposure time : 102 weeks  
Method : OECD Test Guideline 451  
Result : negative

#### **Propan-2-ol:**

Species : Rat  
Application Route : inhalation (vapor)  
Exposure time : 104 weeks  
Method : OECD Test Guideline 451  
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

#### **Naphtha (petroleum), hydrotreated light:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: inhalation (vapor)  
Method: OECD Test Guideline 416  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

---

Application Route: inhalation (vapor)  
Method: OECD Test Guideline 414  
Result: negative

### Propan-2-ol:

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

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative

### STOT-single exposure

May cause drowsiness or dizziness.

#### Components:

##### Acetone:

Assessment : May cause drowsiness or dizziness.

##### Naphtha (petroleum), hydrotreated light:

Assessment : May cause drowsiness or dizziness.

##### Propan-2-ol:

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

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

### **Naphtha (petroleum), hydrotreated light:**

Species	: Rat
NOAEL	: > 20 mg/l
Application Route	: inhalation (vapor)
Exposure time	: 13 Weeks
Method	: OPPTS 870.3465
Remarks	: Based on data from similar materials

### **Propan-2-ol:**

Species	: Rat
NOAEL	: 12.5 mg/l
Application Route	: inhalation (vapor)
Exposure time	: 104 Weeks

### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

### **Product:**

May be fatal if swallowed and enters airways.

### **Components:**

#### **Acetone:**

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

#### **Naphtha (petroleum), hydrotreated light:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if 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 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	: NOEC (Daphnia magna (Water flea)): >= 79 mg/l

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

aquatic invertebrates (Chronic toxicity) : Exposure time: 21 d  
Method: OECD Test Guideline 211

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

### **Naphtha (petroleum), hydrotreated light:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 8.2 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 4.5 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): > 0.01 - 0.1 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 16 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211

### **Propan-2-ol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 9,640 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l  
Exposure time: 24 h

Toxicity to microorganisms : EC50 (Pseudomonas putida): > 1,050 mg/l  
Exposure time: 16 h

### **Persistence and degradability**

#### **Components:**

##### **Acetone:**

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

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

---

### **Naphtha (petroleum), hydrotreated light:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 77 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

### **Propan-2-ol:**

Biodegradability : Result: rapidly degradable

BOD/COD : BOD: 1,19 (BOD5)  
COD: 2,23  
BOD/COD: 53 %

### **Bioaccumulative potential**

#### **Components:**

##### **Acetone:**

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

##### **Naphtha (petroleum), hydrotreated light:**

Partition coefficient: n-octanol/water : log Pow: > 4  
Remarks: Expert judgment

##### **Propan-2-ol:**

Partition coefficient: n-octanol/water : log Pow: 0.05

##### **Mobility in soil**

No data available

##### **Other adverse effects**

No data available

---

## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : Do not dispose of waste into sewer.

Dispose of in accordance with local regulations.

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.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

If not otherwise specified: Dispose of as unused product.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : UN 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
(Acetone, Propan-2-ol)  
Class : 3  
Packing group : II  
Labels : 3  
Environmentally hazardous : no

##### IATA-DGR

UN/ID No. : UN 1993  
Proper shipping name : Flammable liquid, n.o.s.  
(Acetone, Propan-2-ol)  
Class : 3  
Packing group : II  
Labels : Flammable Liquids  
Packing instruction (cargo : 364  
aircraft)  
Packing instruction (passen- : 353  
ger aircraft)

##### IMDG-Code

UN number : UN 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
(Acetone, Propan-2-ol)  
Class : 3  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-E  
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 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
(Acetone, Propan-2-ol)  
Class : 3  
Packing group : II  
Labels : 3  
ERG Code : 128  
Marine pollutant : no



# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## BRAKE AND PARTS CLEANER, Low VOC, 18.9 L (REFILLOmat)

Version	Revision Date:	SDS Number:	Date of last issue: 05/15/2025
2.1	05/28/2025	11400678-00003	Date of first issue: 06/12/2024

Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - 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, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - 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/>

Revision Date : 05/28/2025  
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.

CA / Z8