

# BRAKE & PARTS CLEANER (500 ML)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 7/2/2020 Revision date: 1/29/2019 Supersedes version of: 1/22/2019 Version: 7.2

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : BRAKE & PARTS CLEANER (500 ML)  
UFI : C5N5-30GT-K00J-477S  
Product code : 2040

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Cold detergent.

##### 1.2.2. Uses advised against

Restrictions on use : No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Pro Part International  
Molenakker 3  
5953 TW Reuver - Nederland  
T +31 (0) 77 476 2204  
[info@propart-international.com](mailto:info@propart-international.com) - [www.propart-international.com](http://www.propart-international.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1	H222;H229
Skin corrosion/irritation, Category 2	H315
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

GHS09

Signal word, (CLP) :

Danger

Contains :

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE .

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP) :

- P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.
- 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.
- P260 - Do not breathe dusts or mists.
- P273 - Avoid release to the environment.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear protective gloves, eye protection.
- P301+P310 - IF SWALLOWED: Immediately call a doctor.
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P331 - Do NOT induce vomiting.
- P403 - Store in a well-ventilated place.
- P501 - Dispose of Contents and container, to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 122 °F, 50 °C.

### 2.3. Other hazards

Other hazards not contributing to the classification : The product does not meet the PBT and vPvB classification criteria.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments : Cleaner

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE .	(CAS-No.) 92128-66-0 (EC-No.) 921-024-6 (REACH-no) 01-2119475514-35	75 – 100	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
KOOLSTOFDIOXIDE substance with a Community workplace exposure limit	(CAS-No.) 124-38-9 (EC-No.) 204-696-9	1 – 2.5	Press. Gas (Ref. Liq.), H281

Comments : Detergent Regulation (648/2004/EC)  
Aliphatic hydrocarbons: >=30%

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : If unconscious, place in the recovery position and seek medical advice. Place the affected person in the recovery position. Also transport the person in this position.

First-aid measures after skin contact : Wash immediately with plenty of soap and water. Rinse well.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.

First-aid measures after ingestion : Do NOT induce vomiting. Get immediate medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : No additional data.

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### 4.3. Indication of any immediate medical attention and special treatment needed

No additional data.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. carbon dioxide. alcohol-resistant foam.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : No additional information available.

### 5.3. Advice for firefighters

Protection during firefighting : Breathing equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use protective clothing. Keep public away.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Do not flush with water or aqueous cleansing agents.  
Other information : Ensure adequate air ventilation.

### 6.4. Reference to other sections

Stable under recommended handling and storage conditions (see section 7). Concerning personal protective equipment to use, see section 8. For disposal of residues refer to section 13 : Disposal considerations" ".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
Precautions for safe handling : Provide sufficient air exchange and/or exhaust.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. The government provisions with regard to the storage of compressed gas packings must be observed.  
Information on mixed storage : The government provisions with regard to the storage of compressed gas packings must be observed.  
Storage area : Keep cool. Store in a dry place. Store in a closed container. Store away from heat. Protect from sunlight.

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### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)

##### EU - Occupational Exposure Limits

IOELV STEL (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup> MAC Short-term
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##### Netherlands - Occupational Exposure Limits

MAC C (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup> Short time value (mg/m <sup>3</sup> )
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#### KOOLSTOFDIOXIDE (124-38-9)

##### EU - Occupational Exposure Limits

Local name	Carbon dioxide
IOELV TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
IOELV TWA (ppm)	5000 ppm
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC

##### Netherlands - Occupational Exposure Limits

Local name	Kooldioxide
Grenswaarde TGG 8H (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
Grenswaarde TGG 8H (ppm)	5000 ppm
Regulatory reference	Arbeidsomstandighedenregeling 2020

#### HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)

##### DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	773 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2035 mg/m <sup>3</sup>

##### DNEL/DMEL (General population)

Long-term - systemic effects, oral	699 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	608 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	699 mg/kg bodyweight/day

Additional information

: The basis of the information is the data that were valid when compiled.

### 8.2. Exposure controls

#### Appropriate engineering controls:

Keep away from food and drink. Take off immediately all contaminated clothing. Wash hands before breaks and after work. Do not breathe gas/fumes/vapour/spray. When handling product, avoid contact with skin and eyes.

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### Hand protection:

Solvent-resistant gloves. Choose glove material taking into account the penetration times, the permeation degrees and the degradation. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use. For continuous contact, we recommend gloves with a breakthrough time of at least 240 minutes, with a breakthrough time of more than 480 minutes being preferred. We recommend the same for short-term work or splash protection. We are aware that suitable gloves that provide this level of protection may not be available. In that case, a shorter breakthrough time may be acceptable, as long as the procedures for appropriate maintenance and timely replacement are followed. The thickness of the glove is not a good measure of the glove's resistance to a chemical, as it depends on the exact composition of the material the gloves are made of. Time of penetration is to be checked with the glove producer.

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Protective gloves	Nitrile rubber (NBR)	5 (> 240 minutes), 6 (> 480 minutes)	≥ 0,5 mm		

### Eye protection:

Type	Use	Characteristics	Standard
Safety glasses		Protective goggles	EN 166

### Skin and body protection:

Wear suitable protective clothing. EN-13034/6

### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Device	Filter type	Condition	Standard
	Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust, Type A - High-boiling (>65 °C) organic compounds		

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Gas
Appearance	: Aerosol.
Colour	: According to product specification.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: < -20 °C
Freezing point	: < -20 °C
Boiling point	: 88 – 106 °C initial boiling point and boiling range.
Flash point	: -9 °C Ignition temperature >200 °C
Auto-ignition temperature	: The product does not ignite on its own
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available

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Vapour pressure	: 246 hPa at 20 °C
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: ≈ 0.699 g/cm <sup>3</sup>
Solubility	: Water: Low / immiscible and insoluble with water Organic solvent:97,6%
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 0.38 mPa·s at 20 °C
Explosive properties	: The product is not explosive, but the formation of explosive vapor / air mixtures is possible.
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 0.8 vol %
Upper explosive limit (UEL)	: 7.7 vol %

### 9.2. Other information

VOC content	: ≈ 682.2 g/l VOC-CH : 97,6 %
Other properties	: Solids content: 0%.
Additional information	: No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available.

### 10.2. Chemical stability

No degradation when used as directed.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

No additional information available.

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Based on available data, the classification criteria are not met
Acute toxicity (dermal)	: Based on available data, the classification criteria are not met
Acute toxicity (inhalation)	: Based on available data, the classification criteria are not met

### HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)

LD50 oral rat	> 5840 mg/kg
LD50 dermal rabbit	> 2920 mg/kg
LC50 inhalation rat (mg/l)	> 25 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Based on available data, the classification criteria are not met

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Carcinogenicity	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Based on available data, the classification criteria are not met
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Based on available data, the classification criteria are not met
Aspiration hazard	: May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

BRAKE & PARTS CLEANER (500 ML)	
Additional information	Toxic to fish.

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)	
LC50 fish 1	11.4 mg/l (Fish)
EC50 Daphnia 1	3 mg/l 48h
EC50 72h algae (1)	30 – 100 mg/l
LOEC (chronic)	0.32 mg/l daphnia
NOEC chronic crustacea	0.17 mg/l
NOEC chronic algae	3 mg/l (72h)

### 12.2. Persistence and degradability

BRAKE & PARTS CLEANER (500 ML)	
Persistence and degradability	No additional information available.

### 12.3. Bioaccumulative potential

BRAKE & PARTS CLEANER (500 ML)	
Bioaccumulative potential	No additional information available.

### 12.4. Mobility in soil

BRAKE & PARTS CLEANER (500 ML)	
Ecology - soil	Water hazard: (NL): A (2). Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Hazardous to water (WGK 2(D)Self classification). danger for water. Do not discharge into groundwater, into surface water or into drains. Danger to drinking water even if small amounts leak into the ground. Also poisonous to fish and plankton in surface water. Toxic to aquatic organisms.

### 12.5. Results of PBT and vPvB assessment

BRAKE & PARTS CLEANER (500 ML)	
Results of PBT assessment	The product does not meet the PBT and vPvB classification criteria

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### 12.6. Other adverse effects

Other adverse effects : No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Sewage disposal recommendations : Do not dispose of with domestic waste. Do not discharge into drains.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
European List of Waste (LoW) code : 14 06 03\* - other solvents and solvent mixtures

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1950	UN 1950	UN 1950	UN 1950	Not regulated
<b>14.2. UN proper shipping name</b>				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	Not regulated
<b>Transport document description</b>				
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	Not regulated
<b>14.3. Transport hazard class(es)</b>				
2.1	2.1	2.1	2.1	Not regulated
				Not regulated
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not regulated
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

Special transport precautions : Aerosol warning.

#### Overland transport

Classification code (ADR) : 5F  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E0  
Transport category (ADR) : 2  
Tunnel restriction code (ADR) : D

#### Transport by sea

Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E0  
EmS-No. (Fire) : F-D  
EmS-No. (Spillage) : S-U



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Stowage category (IMDG) : None  
Stowage and handling (IMDG) : SW1, SW22  
Segregation (IMDG) : SG69

### Air transport

No data available

### Inland waterway transport

Classification code (ADN) : 5F

### Rail transport

Not regulated

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code : Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:		
Reference code	Applicable on	Entry title or description
3(a)	HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : ≈ 682.2 g/l VOC-CH : 97,6 %

#### Directive 2012/18/EU (SEVESO III)

Seveso Additional information : E2: Hazardous to the aquatic environment. P3b Flammable aerosol

#### 15.1.2. National regulations

Danish MAL code : 5-3

Klasse NK : 75 -<100 %

Qualifying quantity (tonnes) for applications of requirements for low-threshold devices: 200 t

Qualifying quantity (tonnes) for application of requirements for high-threshold devices: 500 t

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
DNEL	Derived-No Effect Level
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic

Data sources : These data are based on the current state of our knowledge. However, they do not provide a guarantee of product properties and do not establish a contractual legal relationship.

#### Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Press. Gas (Ref. Liq.)	Gases under pressure : Refrigerated liquefied gas
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H281	Contains refrigerated gas; may cause cryogenic burns or injury.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.