

according to Regulation (EC) No 1907/2006 (REACH) as amended

BRAKE CLEANER 500 Creation date 18th October 2021 Revision date 3.0 Version SECTION 1: Identification of the substance/mixture and of the company/undertaking Product identifier **BRAKE CLEANER 500** 1.1. Substance / mixture mixture Number R 34216 UFI Y4MJ-EY9T-V008-Y57D Relevant identified uses of the substance or mixture and uses advised against 1.2. Mixture's intended use Cleaning agent. Mixture uses advised against For professional use only. 1.3. Details of the supplier of the safety data sheet Supplier Name or trade name RETECH, s.r.o. Vackova 1541/4, Praha 5 - Stodůlky, 155 00 Address Czech Republic Identification number (CRN) 25018205 VAT Reg No CZ25018205 +420327596428 Phone E-mail info@retech.cz Web address www.retech.com Competent person responsible for the safety data sheet Name RETECH, s.r.o. E-mail info@retech.cz 1.4. **Emergency telephone number** European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008 The mixture is classified as dangerous.

Aerosol 1, H222, H229 Asp. Tox. 1, H304 Eye Irrit. 2, H319 STOT SE 3, H336 Aquatic Chronic 2, H411

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Extremely flammable aerosol. Pressurised container: May burst if heated.

Most serious adverse effects on human health and the environment

May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram





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BRAKE CLEANER 500

		DRAKE	CLEANER 500		
Creation d	ate 18	th October 2021			
Revision d	ate		Version	3.0	
Ha	azardous substances				
So	lvent naphtha (petroleu	m), light aliph.			
ac	etone				
	azard statements				
H2	222	Extremely flamm	able aerosol.		
H2	229	Pressurised conta	iner: May burst if heated.		
H3	319	Causes serious ey	ye irritation.		
H3	336	May cause drows	iness or dizziness.		
H4	111	Toxic to aquatic l	ife with long lasting effects.		
Pr	ecautionary stateme	nts			
P2	10	Keep away from l No smoking.	heat, hot surfaces, sparks,	open flames and other ignit	ion sources.
P2	11	Do not spray on a	an open flame or other igni	ion source.	
P2	51	Do not pierce or l	burn, even after use.		
P2	61	Avoid breathing s	spray.		
P2	.71	Use only outdoors	s or in a well-ventilated are	a.	
P2	73	Avoid release to t	the environment.		
P2	.80	Wear protective g	gloves/protective clothing/e	ye protection/face protection	on.
P3	03+P361+P353	IF ON SKIN (or h with water or sho		Il contaminated clothing. R	inse skin
P3	04+P340	IF INHALED: Rem	nove person to fresh air and	l keep comfortable for breat	thing.
P3	05+P351+P338		e cautiously with water for s and easy to do. Continue r	several minutes. Remove co insing.	ntact
P4	10+P412	Protect from sunl	ight. Do no expose to temp	eratures exceeding 50 °C/1	.22 °F.
Su	pplemental informati	ion			
EU	JH066	Repeated exposu	re may cause skin dryness	or cracking.	

2.3. Other hazards

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air. Take action to prevent static discharges. Avoid release to the environment. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 74-98-6 EC: 200-827-9	propane	<50	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	
CAS: 106-97-8 EC: 203-448-7	butane	<50	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	
CAS: 75-28-5 EC: 200-857-2	isobutane	<50	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	
Index: 649-267-00-0 CAS: 64742-89-8 EC: 265-192-2	Solvent naphtha (petroleum), light aliph.	≤40	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH066	2, 3



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	DRAKE CELANER 500									
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Identification numbers	Substance name		Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note					
CAS: 67-64-1 EC: 200-662-2 Registration number: 01-2119471330-49	acetone		≤10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	1					

Notes

- 1 Substance with a Union workplace exposure limit.
- 2 Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.
- 3 Fulfilled Note P

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Transfer the affected person to the fresh air. Terminate the exposure immediately; move the affected person to fresh air. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. In the event of unconsciousness, do not provide food by mouth.

If inhaled

Remove person to fresh air and keep comfortable for breathing. Keep the affected person warm and at rest. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Wash with plenty of soap and water. In the event of issues, find medical help.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

If swallowed

Unlikely. DO NOT INDUCE VOMITING! Provide medical treatment.

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

If inhaled

May cause drowsiness or dizziness. Possible irritation.

If on skin

Possible irritation. Absorption through the skin may occur causing symptoms similar to those of inhalation or ingestion. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.

If in eyes

Causes serious eye irritation. Watering. Redness.

If swallowed

Possible irritation. If swallowed or in case of vomiting, danger of entering the lungs. Subsequent observation for pneumonia and pulmonary oedema.

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

The central nervous system may be affected. If swallowed or in case of vomiting, danger of entering the lungs. Subsequent observation for pneumonia and pulmonary oedema. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.



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SECTION 5: Firefighting measures

Extinguishing media 5.1.

Suitable extinguishing media

Alcohol-resistant foam. Powder. Water mist.

Unsuitable extinguishing media

Water - full iet.

5.2. Special hazards arising from the substance or mixture

Pressurised container: May burst if heated. Vapours mixed up with air can be explosive. In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Evacuate area. Fight fire with normal precautions from a reasonable distance. Do not inhale gases and vapours. Move containers from fire area if safe to do. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures 6.1.

Provide sufficient ventilation. Extremely flammable aerosol. Pressurised container: May burst if heated. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols. Prevent contact with skin and eyes. All persons not taking part in rescue operations must be kept away to a sufficient distance. Keep unprotected persons away. Prevent vapors from entering drains. Explosion risk.

6.2. **Environmental precautions**

Do not allow to enter drains. Prevent contamination of the soil and entering surface or ground water. Inform respective authorities in case of seepage into water course or sewage system. Prevent vapors from entering drains. Explosion risk. Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Remove all ignition sources. Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. Stop leak if safe to do so. Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. Use non-sparking tools.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe valid legal regulations on safety and health protection. Do not inhale aerosols. Prevent contact with skin and eyes. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurised container: May burst if heated. Do not pierce or burn, even after use. Keep away from sources of heating, ignition and direct sunlight. Do not spray on an open flame or other ignition source.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Take action to prevent static discharges. Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Do not store together with food, drink and animal feed.

Content	Packaging type	Material of package	
500 ml	aerosol can		
Storage temperature	min 0 °C, max 35 °C		
Specific end use(s)			
See the Section 1.2.			

See the Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

The mixture contains substances for which occupational exposure limits are set.

7.3.



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European Union	Commission D	Commission Directive 2000/39/E0			
Substance name (component)	Туре	Value			
2 (CAS)	OEL 8 hours	1210 mg/m ³			
acetone (CAS: 67-64-1)	OEL 8 hours	500 ppm			

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. Do not get in eyes, on skin, or on clothing. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest. Do not store together with food, drink and animal feed. Ensure eye bath is to hand.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. EN166 - Personal Eye Protection Standard.

Skin protection

Hand protection: Protective gloves resistant to the product. Material of gloves: Nitrile rubber, NBR. EN ISO 374-1. Other protection: protective workwear.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Respirator. Filter A.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Colour Odour Melting point/freezing point	gas colourless characteristic
	characteristic
Melting point/freezing point	
	-187,6138,3 °C (propellant)
Boiling point or initial boiling point and boiling range	-10460 °C (propellant)
Flammability	Extremely flammable aerosol.
Lower and upper explosion limit	
bottom	1 % (CAS 64742-89-8)
upper	6,5 % (CAS 64742-89-8)
Flash point	<21 °C (CAS 64742-89-8)
Auto-ignition temperature	287-537 °C (propellant)
Decomposition temperature	data not available
рН	gas
Kinematic viscosity	data not available
Solubility in water	data not available
Solubility in fats	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	250 hPa (cas 64742-89-8)
Density and/or relative density	
Density	0,71-0,73 g/cm ³ (CAS 64742-89-8)
Form	aerosol
data not available	
Other information	
Evaporation rate	data not available
	Flammability Lower and upper explosion limit bottom upper Flash point Auto-ignition temperature Decomposition temperature pH Kinematic viscosity Solubility in water Solubility in water Solubility in fats Partition coefficient n-octanol/water (log value) Vapour pressure Density and/or relative density Density Form data not available Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.



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10.3. Possibility of hazardous reactions

Solvent gases are heavier than air and accumulate mainly on the floor where they can form an explosive mixture when mixed with air.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurised container: May burst if heated. Do not pierce or burn, even after use. Keep away from sources of heating, ignition and direct sunlight. Do not spray on an open flame or other ignition source.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

not available

Acute toxicity

Based on available data the classification criteria are not met.

acetone

Route of exposure	Parameter	Value	Time of exposure	Species	Sex	Determining method
Oral	LD50	5800 mg/kg		Rat		Literary studies
Dermal	LD50	7426 mg/kg		Rabbit		Literary studies
Inhalation	LC50	12 ppm	4 hour	Rat		Literary studies

butane

Route of exposure	Parameter	Value	Time of exposure	Species	Sex	Determining method
Inhalation	LC₅o	658 mg/l		Rat		Literary studies

isobutane

Route of exposure	Parameter	Value	Time of exposure	Species	Sex	Determining method
Inhalation	LC50	974 mg/l		Mouse		Literary studies

propane

Route of exposure	Parameter	Value	Time of exposure	Species	Sex	Determining method
Inhalation	LC50	1443 mg/l		Rat		Literary studies

Solvent naphtha (petroleum), light aliph.

Route of exposure	Parameter	Value	Time of exposure	Species	Sex	Determining method
Oral	LD50	>5000 mg/kg		Rat		
Dermal	LD50	>2000 mg/kg		Rabbit		
Inhalation	LC50	50-100 mg/l	8 hour	Rat		

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.



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Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

not available

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Toxic to aquatic life with long lasting effects.

acetone

Parameter	Value	Time of exposure	Species	Environmont	Determining method
EC50	5540 mg/l	96 hour	Fishes		
EC50	13500 mg/l	48 hour	Daphnia		

b	uta	ne

Parameter	Value	Time of exposure	Species	Environment	Determining method
LC50	24.11 mg/l		Fishes		Literary studies
LC50	14.22 mg/l		Aquatic invertebrates		Literary studies
EC50	7.71 mg/l	96 hour	Algae		Literary studies

isobutane

Parameter	Value	Time of exposure	Species	Environment	Determining method
LC50	27.89 mg/l		Fishes		Literary studies
LC50	16.33 mg/l		Aquatic invertebrates		Literary studies
LC50	89.57 mg/l	96 hour	Algae		Literary studies

propane

Parameter	Value	Time of exposure	Species	Environment	Determining method
LC50	49.47 mg/l		Fishes		Literary studies
LC50	27.14 mg/l		Aquatic invertebrates		Literary studies
EC50	11.89 mg/l	72 hour	Algae		Literary studies



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Solvent naphtha (petroleum), light aliph.

Parameter	Value	Time of exposure	Species	Environment	Determining method
EC50	100 mg/l	96 hour	Fishes		
EC50	3.8 mg/l	48 hour	Daphnia		

12.2. Persistence and degradability Data not available.

12.3. Bioaccumulative potential

butane

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]	Determining method
	1.09-2.8					Literary studies

isobutane

Parameter	Value	Time of exposure	Species	Surrounding temperature [°C]	Determining method
	1.09-2.8				Literary studies

propane

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]	Determining method
	1.09-2.8					Literary studies

Solvent naphtha (petroleum), light aliph.

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]	Determining method
Log Pow	3-6					

Not available. 12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

- not available
- 12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.



according to Regulation (EC) No 1907/2006 (REACH) as amended **BRAKE CLEANER 500** Creation date 18th October 2021 Revision date 3.0 Version Waste type code gases in pressure containers (including halons) containing hazardous substances * 16 05 04 Packaging waste type code metallic packaging containing a hazardous solid porous matrix (for example asbestos), including 15 01 11 empty pressure containers * (*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste **SECTION 14: Transport information** 14.1. UN number or ID number UN 1950 14.2. UN proper shipping name AEROSOLS 14.3. Transport hazard class(es) 2 Gases 14.4. Packing group not relevant 14.5. Environmental hazards not relevant 14.6. Special precautions for user Reference in the Sections 4 to 8. 14.7. Maritime transport in bulk according to IMO instruments not relevant Additional information Hazard identification No. 1950 **UN** number 5F Classification code Safety signs 2.1+hazardous for the environment **Road transport - ADR** Limited quantities 1L Transport category 2 (B/D) Tunnel restriction code **Railway transport - RID**

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as ammended. Product contains reportable explosives precursors: Reporting of subpicious transactions, disappearances and thefts according to Regulation (EU) 2019/1148, Article 9.

Additional information in accordance with Regulation (EC) no. 648/2004 on detergents, as amended

>=30 % aliphatic hydrocarbons

15.2. Chemical safety assessment not available



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Creation date 18th October 2021 Revision date Version 3.0 SECTION 16: Other information A list of standard risk phrases used in the safety data sheet A220 Extremely flammable gas. A220 Extremely flammable gas. A220 Contains gas under pressure; may explode if heated. A330 Contains gas under pressure; may explode if heated. A340 May be fail if swallower due and enters airways. A350 Contains gas under pressure; may explode if heated. A350 Contains gas under pressure; may explode if heated. A350 Contains gas under pressure; may explode if heated. A350 Contains gas under pressure; may explode if heated. A350 Contains gas under pressure; may explode if heated. A350 Contains gas under pressure; may explode if heated. A350 Contains gas under pressure; may explode if heated. A350 Contains gas under pressure; may explode if heated. A350 Context of aquatic life with long lasting effects. Guidelines for safe handling used in the safety data sheet P210 No an open flame or other ignition sources. P211 Do not spray on an open flame or other ignition source. P212 Do not spray on an open flame or other ignition source. P230 Wear protective jolows/ordective clobhing/vep protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated dothing, Rinee skin with water or shower. P304+P340 IF INN4LED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INN4LED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INN4LED: Remove and the use. P304+P340 IF INN4LED: Remove uses bin dryness or cracking. P404+P340 IF INN4LED: Remove uses bin dryness or cracking. P404+P340 IF INN4LED: Remove uses bin dryness or cracking. P404+P340 IF INN4LED: Remove uses bin dryness or cracking. P404 P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F. P305 +P331+P338 IF IN SYZ2				ELANER 500	
SECTION 16: Other Information All tet of standard risk phrases used in the safety data sheet H220 Extremely flammable acrosol. H221 Extremely flammable acrosol. H222 Highly flammable liquid and vapour. H223 Highly flammable liquid and vapour. H224 Pressurised container: May burst if heated. H304 May be fatal if swallowed and enters airways. H319 Causes cerious eye intration. H336 May cause drowsliness or dizziness. H411 Toxic to aquatic life with long lasting effects. Guidelines for safe handling used in the safety data sheet R210 P211 Do not spray on an open flame or other ignition source. P273 Avoid release to the environment. P280 Wear protective gloves/protective dothing/eye protection./face protection. P304+P340 IF IN NETS: Rinse cause/protective dothing. P304+P340 IF IN NETS: Rinse cause divously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 IF IN NETS: Rinse cause skin dryness or cracking. P304+P340 IF IN NETS: Rinse cause divously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		18t	h October 2021		
A list of standard risk phrases used in the safety data sheet H220 Extremely flammable ages. H221 Extremely flammable liquid and vapour. H222 Extremely flammable liquid and vapour. H223 Pressurised container: May burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if svallowed and enters anivays. H319 Causes serious eye irritation. H336 May cue drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. Guidelines for safe handling used in the safety data sheet Reep away from heat, hot surfaces, sparks, open flames and other ignition source. P211 Do not spray on an open flame or other ignition source. P223 P230 Wear protective glove/protective dothing/eye protection./Face protection. P280 Wear protective glove/protective dothing/eye protection./Face protection. P304+P30 IF IN NLHED: Remove person to fresh air and keep comfortable for breathing. P304+P31+P33 IF IN NLHED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF IN NLHED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN NLYES: Rinse cautously with water for saveral minutes.				Version	3.0
H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Pressurised container: May burst if heated. H280 Contains gas under pressure; may explode if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H311 Toxic to aquatic life with long lasting affects. Guidelines for safe handling used in the safety data sheet P.210 P.211 Do not spray on an open flame or other ignition source. P.273 Avoid release to the environment. P.200 Wear protective ploves/protective dothing/eye protection/face protection. P.303+P351+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with or shower. P.304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P.304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P.304+P340 IF INHALED: Remove parson to greate any toth contains for several minutes. Remove contact lenses. P.211 Do not pierce or burn, even after use. P.251 Do not pierce or burn, even after use. P.261 Avoid breathing spray. P.271 Use of additional standard phrases used in the safety data sheet Chore					
H222Extremely flammable jacrosol.H225Highly flammable jacrosol.H229Pressurised container: May burst if heated.H280Contains gas under pressure; may explode if heated.H380Causes serious gey irritation.H319Causes serious gey irritation.H316May cause drowsines or dizziness.H317Toxic to aquatic life with long lasting effects.Guidelines for safe handing used in the safety data sheetSeries or protection frame or other ignition source.P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.P280Wear protective gloves/protective clothing/eye protection/face protection.P280Wear protective gloves/protective clothing/eye protection/face protection.P303+P361+P353If ON XIN (or hair): Take off immediately all contaminated clothing. Rines exinP304+P340IF IN HXLED: Renove person to fresh air and keep comfortable for breathing.P304+P341Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.P251Do not pierce or hum, even after use.P410+P412Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.P251Do not pierce or hum, even after use.P410+P412Protect from sunlight. Do no expose to reacking.P410+P412Weat protection and use sistin dryness or racking.P410+P412Protect from sunlight. Do no expose to reacking.P251Do not spray on a greement concerning the international carriage of dangerous goods by rackP251Do not spray on a spray for use of reach as the start s		standard risk pl			
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according to Regulation (EC) No 1907/2006 (REACH) as amended

BRAKE CLEANER 500

	BRARE CLEANER 500				
Creation date	18th October 2021				
Revision date	Version 3.0				
MARPOL	International Convention for the Prevention of Pollution from Ships				
OEL	Occupational Exposure Limits				
PBT	Persistent, Bioaccumulative and Toxic				
ppm	Parts per million				
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals				
RID	Agreement on the transport of dangerous goods by rail				
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations				
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials				
VOC	Volatile organic compounds				
vPvB	Very Persistent and very Bioaccumulative				
Aerosol	Aerosol				
Aquatic Chronic	Hazardous to the aquatic environment (chronic)				
Asp. Tox.	Aspiration hazard				
Eye Irrit.	Eye irritation				
Flam. Gas	Flammable gas				
Flam. Liq.	Flammable liquid				
Press. Gas	Gases under pressure				
STOT SE	STOT SE Specific target organ toxicity - single exposure				
Training guidelines					

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 3.0 replaces the SDS version from 28 February 2018. Changes were made in sections 1, 2, 3, 7, 8, 9, 11, 12, 13, 15 and 16.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.