

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1. Product Identifier**

Trade name: APP BR01 Spray

Trade code: 212005

**1.2. Relevant identified uses of the substance/mixture and uses advised against**

Remover for braking systems

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

Company: APP Sp. z o. o.  
ul. Przemysłowa 10, 62 – 300 Września  
Tel. +48 (061) 437 00 00  
Fax. +48 (061) 437 91 37  
Mail: [app@app.com.pl](mailto:app@app.com.pl)  
Strona WEB: [www.app.com.pl](http://www.app.com.pl)

Safety Data Sheet e-mail: Tomasz Gołda, [t.golda@app.com.pl](mailto:t.golda@app.com.pl)**1.4. Emergency telephone number:**

+48 (61) 437 00 00

Date of update: 2023-12-22

**SECTION 2. HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS02



GHS07



GHS09

Dgr

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

**2.2. Label elements****Labelling according Regulation (EC) No 1272/2008**

Contains:

C7 hydrocarbons; n-alkanes, isoalkanes, cyclics

C6-7 hydrocarbons; n-alkanes, isoalkanes, cyclics

**Signal word:**

Danger

**Pictogram:**

GHS02



GHS07



GHS09

**Hazard statement(s)**

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

**SAFETY DATA SHEET**  
According Commission Regulation (EU) 2020/878

Date of issue: 2023-12-22

APP BR01 Spray

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**Precautionary statement(s)**

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.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P501 Dispose of contents/container in accordance with local regulations.

**2.3 Other hazards**

Does not fulfil criteria of PBT and vPvB according to annex XIII 1907/2006

UN: 1950

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

N.A.

**3.2. Mixtures****Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:**

Nazwa niebezpiecznej substancji	Zakres stężenia	Numer CAS	Numer indeksowy	Numer WE	Symbole niebezpieczeństwa
<b>Butane</b> REACH: 01-2119474691-32	1-<5%	106-97-8	601-004-00-0	203-448-7	<b>GHS02; GHS04</b> <b>FlamGas1: H220</b> <b>PressGas: H280</b>
<b>Isobutane</b> REACH: 01-2119485395-27	1-<2,5%	75-28-5	601-004-00-0	200-857-2	<b>GHS02; GHS04</b> <b>FlamGas1: H220</b> <b>PressGas: H280</b>
<b>Hydrocarbons C7, n-alkanes, cycloalkanes, isoalkanes</b> REACH Reg. No 01-2119475515-33	40-80%	-	-	927-510-4	<b>GHS02; GHS07; GHS08;</b> <b>GHS09</b> <b>FlamLiq2: H225</b> <b>Asp.Tox1: H304</b> <b>STOT SE3: H336</b> <b>SkinIrrit2: H315</b> <b>AquaticChronic2: H411</b>
<b>Hydrocarbons C6-C7, n-alkanes, cycloalkanes, isoalkanes</b> REACH Reg. No 01-2119475514-35	40-80%	-	-	921-024-6	<b>GHS02; GHS07; GHS08;</b> <b>GHS09</b> <b>FlamLiq2: H225</b> <b>Asp.Tox1: H304</b> <b>STOT SE3: H336</b> <b>SkinIrrit2: H315</b> <b>AquaticChronic2: H411</b>
<b>Carbon dioxide</b>	1-<5%	124-38-9	603-019-00-8	204-696-9	<b>Press Gas: H280</b>



Full text of R-Phrases and H-Phrases can be found under heading 16

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### In case of skin contact:

Immediately take off all contaminated clothing. After contact with skin, wash immediately with soap and plenty of water. In case of irritation, consult a doctor

#### In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time. In case of irritation, consult an ophthalmologist. Remove Contact Lenses

#### In case of Ingestion:

Do not under any circumstances induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor immediately and show him label or Safety Data Sheet.

#### In case of Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of respiration problems, consult a doctor immediately and show him label or Safety Data Sheet.

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

May cause drowsiness or dizziness.

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

In case if ingestion consult a doctor.

#### Treatment:

None

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

#### Extinguishing media which must not be used for safety reasons:

Water jet.

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

Extremely flammable aerosol. Pressurised container: May burst if heated. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Toxic fumes may be evolved on burning or exposure to heat. Do not inhale explosion and combustion gases.

### 5.3. Advice for fire-fighters

Fires in confined spaces should be dealt with by trained personnel wearing approved air supplied breathing apparatus. Water may be used to cool nearby heat exposed areas/objects/packages. Avoid spraying directly into storage containers because of the danger of boil-over. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

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

Contain and recover liquid using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated. Recovery of large spillages should be effected by specialist personnel. Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. Large and uncontained spillages should be smothered in foam to reduce the risk of ignition. The foam blanket should be maintained until the area is declared safe. Vapour is heavier than air and may travel to remote sources of ignition (e.g. along drainage systems, in basements, etc.). In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies. In case of spillage at sea, approved dispersants may be used where authorized by the appropriate



regulatory authority. In the event of spillages, contact the appropriate authorities.

#### 6.4. Reference to other sections

See Section 8 for information on personal protection equipment.

### SECTION 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid breathing vapours or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. Air-dry contaminated clothing in a well-ventilated area before laundering. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use local exhaust ventilation if there is risk of inhalation of vapours. Prevent spillages. For comprehensive advice on handling, product transfer, storage and tank cleaning refer to the product supplier. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

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

Store and dispense only in well ventilated areas away from heat and sources of ignition. Store and use only in equipment/containers designed for use with the product. Containers must be properly labelled and kept closed when not in use. Do not remove warning labels from containers. Do not re-use container for any other product. Empty packages may retain residual product; retain hazard warning labels on empty packages as a guide to their safe handling, storage and disposal. Do not introduce an ignition source. Heating may cause an explosion. Storage on solid, hydrocarbons-proof floor.

#### 7.3. Specific end use(s)

None.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

No data.

#### 8.2. Exposure controls

Do not eat, drink or smoke while working. Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

##### Eye protection:

Wear face visor or goggles in circumstances where eye contact can accidentally occur.

##### Protection for skin/hands:

If skin contact is likely, wear impervious protective clothing and/or gloves (nitrile :  $\geq 0.45$  mm, 240 min. ). Protective clothing should be regularly inspected and maintained. Change heavily contaminated clothing as soon as reasonably practicable and launder before re-use. Wash any contaminated underlying skin with soap and water.

##### Respiratory protection:

Respiratory protection is normally unnecessary, provided the concentration of vapour is adequately controlled. If operations are such that the excessive generation and inhalation of vapour may be anticipated, then suitable approved organic vapour and particulate respiratory equipment should be worn

##### Thermal Hazards:

None

##### Environmental exposure controls:

None

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance and colour: liquid, aerosol, colorless

Odour: characteristic

Odour threshold: N.D.

pH: N.A.

Melting point / freezing point: N.D.

Initial boiling point and boiling range: N.D.

Upper/lower flammability or explosive limits: N.D.

Vapour density: N.D.

Flash point: N.D.

Evaporation rate: N.A.

Vapour pressure: N.D.

Density: 689 kg/m<sup>3</sup> (15°C)

Solubility in water: insoluble

Solubility in organic solvents: soluble in aromatic solvents

Lipid solubility: N.A.

Partition coefficient (n-octanol/water): N.A.



Ignition temperature: >200°C  
Auto-ignition temperature: N.A.  
Decomposition temperature: N.A.  
Viscosity dyn.: N.D.  
Viscosity kin.: N.D.  
Explosive properties: can form an explosive mixture in air  
Oxidizing properties: not oxidizing

## 9.2. Other information

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## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Mixture is not reactive.

### 10.2. Chemical stability

Stable under normal conditions of handling and storage.

### 10.3. Possibility of hazardous reactions

None.

### 10.4. Conditions to avoid

- solar radiation
- sparks
- flame
- heat

### 10.5. Incompatible materials

- strong oxidisers
- strong acids

### 10.6. Hazardous decomposition products

None.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

- a) **acute toxicity:** no hazard
- b) **skin corrosion/irritation:** Causes skin irritation
- c) **serious eye damage/irritation:** no hazard
- d) **respiratory or skin sensitization:** no hazard
- e) **germ cell mutagenicity:** no hazard
- f) **carcinogenicity:** no hazard
- g) **reproductive toxicity:** no hazard
- h) **STOT-single exposure:** may cause drowsiness or dizziness.
- i) **STOT-repeated exposure:** no hazard
- j) **aspiration hazard:** no hazard

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

- no data

#### 11.2.2. Other information

- no data

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects

### 12.2. Persistence and degradability

No data.

### 12.3. Bioaccumulative potential

No data.

### 12.4. Mobility in soil

No data

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

- no data

#### 11.2.2. Other information

- no data



## SECTION 15. REGULATORY INFORMATION

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

#### Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

### 15.2. Chemical Safety Assessment

No

## SECTION 16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H280	Contains gas under pressure; may explode if heated
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.