

	SAFETY DATA SHEET		
	In accordance with Commission Regulation (EU) 2020/878		
	Date of issue: 18 February 2026	APP RC 02	Page1 of 9

Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier:

Trade name: APP RC 02 - Nitro solvent | 5.0L

Product code: 030305

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

Solvent.

Uses advised against:

Other

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

APP Sp. z o. o.

10 Przemysłowa Street, 62 – 300 Września

Tel. +48 (061) 437 00 00

Fax: +48 (061) 437 91 37

Email: app@app.com.pl

Website: www.app.com.pl

Current safety data and technical information are available on the website.

Person responsible for the product: Product Management Department, dzp@app.com.pl

1.4. Emergency telephone number:

+48 (061) 437 00 00 (between 8.00 am and 4.00 pm)

Date of issue: 18 February 2026

Section 2. HAZARD IDENTIFICATION

2.1. Classification of the mixture:

Classification in accordance with Table 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (GHS Regulation) and based on data provided by the manufacturer:



GHS02



GHS07



GHS08

Hazard

FlamLiq2: H225 Highly flammable liquid and vapour.

AcuteTox4: H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled

AspTox1: H304 May be fatal if swallowed and enters the respiratory tract

SkinIrrit2: H315 Causes skin irritation

EyeIrrit2: H319 Causes eye irritation

STOT SE1: H370 Causes damage to organs

STOT RE2: H373 May cause damage to organs through prolonged or repeated exposure

STOTSE3: H336 May cause drowsiness or dizziness

Repr2: H361d Suspected of damaging the unborn child

2.2. Labelling elements:

Contains:

Methyl acetate

Toluene

Methanol

Signal word:

Danger

GHS pictograms:



SAFETY DATA SHEET
In accordance with Commission Regulation (EU) 2020/878

Date of issue: 18 February
2026

APP RC 02

Page 2 of 9



GHS02



GHS07



GHS08

Hazard statements:

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways
H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled
H315 Causes skin irritation
H319 Causes eye irritation
H336 May cause drowsiness or dizziness
H370 Causes damage to organs
H373 May cause damage to organs through prolonged or repeated exposure
H361d Suspected of damaging the unborn child

Precautionary statements:

P210 Keep away from heat, hot surfaces, sources of sparks, open flames and other sources of ignition. Do not smoke.
P260 Do not breathe dust/fumes/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: immediately contact a POISON or a doctor.
P331 DO NOT induce vomiting.
P302 + P352 IF ON SKIN: wash with plenty of water.
P304 + P340 IF INHALED: remove or carry the affected person to fresh air and ensure they can breathe freely.
P307 + P311 If exposed: Contact a POISON CENTRE or a doctor.
P405 Keep locked up.
P501 Dispose of the container and its contents in accordance with local, regional, national or international regulations

2.3. Other hazards:

UN: 1263

No information is available regarding compliance with the PBT or vPvB criteria in accordance with Annex XIII of Regulation 1907/2006 (REACH). No tests have been carried out.

The product does not contain any ingredients included in the list established in accordance with Article 59(1) as having endocrine-disrupting properties, nor does it contain ingredients with properties that disrupt endocrine-disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration of 0.1% or more.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Not applicable.

3.2. Mixtures:

The classification of the substances contained in the product is given in accordance with Table 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (GHS Regulation) and on the basis of data provided by the manufacturer.

Name of hazardous substance	Concentration range	CAS number	Index number	EC number	Hazard symbols Hazard
Toluene REACH Reg. No.: 01-2119471310-51	15-<24%	108-88-3	601-021-00-3	203-625-9	GHS02; GHS08; GHS07 Hazard Flam. Liq. 2: H225 Repr. 2: H361 Asp. Tox. 1: H304 STOT RE 2: H373 Skin Irrit. 2: H315 STOT SE 3: H336

		SAFETY DATA SHEET				
		In accordance with Commission Regulation (EU) 2020/878				
		Date of issue: 18 February 2026		APP RC 02		Page3 of 9
Methanol REACH Reg. No.: 01-2119433307-44	15-<24 %	67-56-1	603-001-00-X	200-659-6	GHS02; GHS06; GHS08; FlamLiq2 hazard: H225; Acute Tox3: H331; AcuteTox3: H311; AcuteTox3: H301; STOT SE1: H370 Specific concentration limit: STOT SE 1; H370: C≥10 % STOT SE 2; H371: 3 % ≤ C<10 %	
Methyl acetate REACH Reg. No.: 01-2119459211-47	60-<70%	79-20-9	607-021-00-X	201-185-2	GHS02; GHS07 Hazard Flam. Liq. 2; H225 Eye Irrit. 2: H319 STOT SE 3: H336	

For the wording of the phrases used – see section 16.

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures:

4.1.1 First aid guidelines by relevant routes of exposure:

Show the Safety Data Sheet to the attending doctor. If the person has been exposed to vapours or aerosols from the product, move them to a well-ventilated area – seek medical assistance

a) respiratory tract: immediately move the affected person to a well-ventilated area; place the affected person in a semi-recumbent position, loosen their clothing, ensure that there are no objects or secretions in the affected person's mouth that may obstruct breathing; if the affected person is not breathing – perform artificial respiration; seek medical assistance immediately.

b) skin: remove contaminated clothing; wash contaminated skin with plenty of soapy water; do not use any solvents or thinners to wash the skin; apply a moisturising cream to the cleansed skin; if skin irritation occurs – consult a doctor.

c) eyes: rinse contaminated eyes, with eyelids open, under a continuous stream of running water for 10–15 minutes; avoid a strong stream of water, which may risk damaging the cornea; if burning or irritation persists, consult a doctor; do not use any eye wash solutions or ointments before consulting a doctor; if the affected person is wearing contact lenses, remove them if possible; seek medical assistance if eye irritation occurs.

d) digestive tract: rinse the mouth with plenty of running water; do not induce vomiting; if the person is conscious, give them water to drink in small sips (approx. 0.2–0.3 litres); do not give anything to an unconscious person; if the victim feels unwell – consult a doctor;

4.1.2. Other:

None.

4.2. Most important acute and delayed symptoms and effects of exposure:

Acute symptoms:

Ingestion and entry into the respiratory tract may be fatal

Harmful if swallowed, in contact with skin or following inhalation

Delayed symptoms:

Causes organ damage

May cause damage to organs through prolonged or repeated exposure

Suspected of causing harm to the unborn child

4.3. Indications for any immediate medical attention and special treatment of the affected person:



If a significant amount of the product has been ingested, seek medical advice.

Section 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

- a) Recommended extinguishing media: Water spray, dry powder extinguishers, alcohol-resistant foam.
- b) Extinguishing media not recommended: Avoid strong water jets, which may spread the fire.

5.2. Special hazards arising from the substance/mixture:

Highly flammable liquid. Vapours form flammable and explosive mixtures with air. Vapours may rise to an ignition source and return as a flame. Heating, sparks or contact with fire may cause ignition. Releases toxic gases in the event of a fire.

Keep away from sources of ignition – do not smoke during spraying. Keep out of reach of children. Without adequate ventilation, explosive mixtures may form

5.3. Information for the fire service:

Wear self-contained breathing apparatus and suitable protective clothing.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

- when removing the material, wear protective clothing, protective gloves, safety goggles and a gas mask

6.1.2. For emergency responders:

- during removal, avoid the formation and inhalation of vapours and aerosols of the product
- wear well-fitting and tight-fitting safety goggles, protective gloves and protective clothing

6.2. Environmental precautions:

- in the event of a large-scale release into water or soil, notify the relevant authorities

6.3. Methods and materials for preventing the spread of contamination and for decontamination:

6.3.1. Recommendations for preventing the spread of a spill:

- store and transport in leak-proof containers
- remove the product immediately
- prevent the product from entering watercourses or drainage systems
- rinse the area after removal of the product and any equipment that has come into contact with it

6.3.2. Recommendations for spill clean-up:

- Absorb with non-flammable absorbent material (e.g. diatomaceous earth)
- collect the absorbent material in a clearly labelled, sealable container – note: used absorbent material also poses a fire hazard
- eliminate all possible sources of ignition; do not smoke

6.3.3. Other information:

None

6.4. References to other sections:

See the information in sections 8 and 13.

Section 7. HANDLING AND STORAGE OF THE MIXTURE

7.1. Precautions for safe handling:

7.1.1. General recommendations:

- avoid electrical and electrostatic discharges
- do not allow vapour concentrations of the product in the air where mixtures with air may be explosive, nor concentrations exceeding occupational exposure limits
- ensure easy access to fire-fighting agents and equipment necessary for dealing with a spill
- follow general health and safety rules for working with chemicals and good industrial practice; strictly adhere to established procedures; when working with the product, apply the general health and safety regulations contained in the Regulation of the Minister of Labour and Social Policy of 30 December 2004 (Journal of Laws No. 11 of 2005, item 86); follow the recommendations contained in the instructions provided by the manufacturer
- avoid contact with eyes, skin and clothing
- avoid prolonged and repeated exposure

7.1.2. Occupational hygiene guidelines:

- do not eat or drink whilst using the product
- do not smoke whilst working with the product
- Avoid the formation and inhalation of vapours
- wear suitable work (protective) clothing and protective gloves (rubber or PVC) when working with the product
- an eye wash station must be available at the workstation
- Observe personal hygiene rules



SAFETY DATA SHEET
In accordance with Commission Regulation (EU) 2020/878

Date of issue: 18 February
2026

APP RC 02

Page 5 of 9

- Do not eat, drink or smoke whilst working with the product, except in designated areas; wash your hands before breaks and after finishing work; use hand cream if necessary
- work in well-ventilated areas

7.2. Conditions for safe storage, including information on any incompatibilities

- Store the product in cool, dry and well-ventilated areas
- Do not store near foodstuffs or animal feed
- Packaging should be sealed and properly labelled
- for safety reasons, the product is best stored in its original packaging
- protect packaging from mechanical damage

7.3. Specific end uses:

None.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

8.1. Control parameters:

8.1.1. Maximum permissible concentrations in the workplace:

According to the Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum permissible concentrations and intensities of factors harmful to health in the workplace (Journal of Laws 2018, item 1286, as amended)

Toluene:	MAC: 100 mg/m ³	NDSCh: 200 mg/m ³
Methanol:	NDS: 100 mg/m ³	NDSCh: 300 mg/m ³

8.1.2. Recommended monitoring procedures:

- PN-89/Z-01001/06. Air quality protection. Names, definitions and units. Terminology relating to air quality testing at workplaces.
- PN-89/Z-04008/07. Air quality protection. Sampling. Principles of air sampling in the workplace and interpretation of results.
- PN-89/Z-04023 sheet 02 Air quality protection. Testing for the content (in mixtures) of harmful substances emitted from nitrocellulose paint products. Determination of acetone, alcohols: ethyl, n-butyl, isobutyl, ethoxyethyl, butoxyethyl; acetates: ethyl, n-butyl, ethoxyethyl, toluene and xylene at workstations using gas chromatography.
- PN-78/Z-04115 sheet 01 Air quality protection. Testing for toluene content. Determination of toluene at workplaces using gas chromatography.
- PN-81/Z-04028/01. Air quality protection. Testing for methyl alcohol content. Determination of methyl alcohol at workplaces using gas chromatography.

8.1.3. Maximum permissible concentration in biological material (DSB):

Toluene:

- substance being analysed: benzoic acid
- permissible concentration in biological material (DSB): 80 mg/h in urine
- analyte: toluene
- acceptable concentration in biological material (ACBM): 300 µg/l in capillary blood

Methanol:

- Absorbed substance: methyl alcohol
- Analyte: methyl alcohol
- Reference value: on average 1 g/l
- Biological material DSB: 6 g/l

8.1.4. DNEL and PNEC values:

No DNEL or PNEC values have been established for this substance.

8.2. Exposure control:

8.2.1. Appropriate technical control measures:

Medical examinations of employees and testing and measurement of harmful factors shall be carried out in accordance with applicable regulations.

8.2.2. Personal protective equipment:

a) Eye or face protection: face protection N 166:2002; EN 167:2002; EN 168:2002; EN ISO 4007:2018

Clean daily and disinfect regularly in accordance with the manufacturer's instructions.

b) Skin protection: Disposable gloves offering protection against chemicals (Material: Linear low-density polyethylene (LLPDE), Breakthrough time: > 480 min, Material thickness: 0.062 mm; EN ISO 21420:2020 Replace gloves at the first sign of damage

c) Respiratory protection: Filtering facepiece to protect against gases and vapours. EN 405:2002+A1:2010 If the odour or taste of the product enters, replace the mask.

If the contaminant has no obvious warning characteristics, the use of isolating equipment is recommended



Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Physical state

liquid

Colour

colourless

Odour

characteristic

Melting/freezing point

No data

Boiling point or initial boiling point and boiling range

64°C

Flammability of materials

No data available

Lower and upper explosion limits

No data available

Flash point

-1°C

Auto-ignition temperature

464°C

Decomposition temperature

No data

pH

No data

Kinematic viscosity

No data available

Solubility

No data

n-octanol/water partition coefficient (log value)

No data

Vapour pressure

170,178 Pa (20°C), 62,892.51 Pa (50°C)

Density or relative density

0.895 g/l

Relative vapour density:

No data available

Molecular characteristics

Not applicable

9.2. Other information:

Information on physical hazard classes

No data available

Other safety properties

No data available

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity:

The product is not reactive.

10.2. Chemical stability:

The product is chemically stable.

10.3. Possibility of hazardous reactions:

None known.

10.4. Conditions to avoid:

High temperatures. Ignition sources, heat sources, sources of sparks.

10.5. Incompatible materials:

Oxidising agents, alkalis, acids.

10.6. Hazardous decomposition products:

- carbon oxides
- toxic gases and fumes

Section 11. TOXICOLOGICAL INFORMATION

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

(a) Acute toxicity



Toluene:

LD50 (rat, oral): 5580 mg/kg
LD50 (rabbit, dermal): >5000 mg/kg
LC50 (rat, inhalation): >20 mg/m³ / 4 hours

Methanol

LD50 (rat, oral): 5800 mg/kg
LC50 (rat, inhalation): 76 mg/m³ / 4 hrs.
LD50 (guinea pig, dermal): 7400 mg/kg

Methyl acetate

LD50 (rat, oral): 5800 mg/kg
LC50 (rat, inhalation): 76 mg/m³ / 4 hours
LD50 (guinea pig, dermal): 7400 mg/kg

Harmful if swallowed, in contact with skin or if inhaled

b) Corrosive/irritating to the skin

Irritating to skin

c) Serious eye damage/eye irritation

Irritating to eyes

d) Respiratory or skin sensitisation

No data available.

The mixture is not classified as hazardous in this category.

e) Mutagenic effects

No data available.

The mixture is not classified as hazardous in this category.

f) Carcinogenicity

No data available.

The mixture is not classified as hazardous in this category.

g) Reproductive toxicity

Suspected of damaging the unborn child

h) Specific target organ toxicity – single exposure

May cause drowsiness or dizziness

i) Specific target organ toxicity – repeated exposure

Causes damage to organs

May cause organ damage through prolonged or repeated exposure

j) Aspiration hazard:

Ingestion and entry into the respiratory tract may be fatal

11.2. Information on other hazards

11.2.1. Endocrine-disrupting properties

The product does not contain any ingredients included in the list established in accordance with Article 59(1) as having endocrine-disrupting properties, nor does it contain ingredients with properties that disrupt the endocrine system in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration of 0.1% or more.

11.2.2. Other information

- none

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

- the mixture is not classified as hazardous to the environment
- follow the instructions or safety data sheet

Ecotoxicity:

Toluene:

Acute toxicity to fish:

- *Lepomis macrochirus* LC50: 24 mg/dm³ / 96 hours
- *Carassius auratus* LC50: 13 mg/dm³ / 96 hours
- *Poecilia reticulata* LC50: 59.3 mg/dm³ / 96 hours
- *Oncorhynchus mykiss* LC50: 6.3 mg/dm³ / 96 hours

Acute toxicity to crustaceans:

- *Daphnia magna* EC50: 10 mg/dm³ / 48 hours

Acute toxicity to algae:

- *Selenastrum capricornutum* EC50: 32 mg/dm³ / 48 hours

12.2. Persistence and degradability:

No data available



SAFETY DATA SHEET
In accordance with Commission Regulation (EU) 2020/878

Date of issue: 18 February
2026

APP RC 02

Page 8 of 9

12.3. Bioaccumulative potential:

No data available.

12.4. Mobility in soil:

No data available.

12.5. Results of the PBT and vPvB assessment:

None.

12.6. Endocrine-disrupting properties

None

12.7 Other adverse effects:

None.

Section 13. WASTE MANAGEMENT

13.1. Waste treatment methods:

13.1.1. Product:

- waste type: Waste paints and varnishes containing organic solvents or other hazardous substances

- waste code: 08 01 11*

- hazardous waste

If possible, recover and return to production. Do not dispose of with household waste. Do not discharge into the drainage system. Do not allow contamination of surface water, groundwater or soil. Dispose of in accordance with current regulations relating to chemical waste. Dispose of only at designated sites, in facilities or equipment meeting statutory requirements.

13.1.2 Packaging:

- Waste type: Plastic packaging

- Waste code: 15 01 02

Section 14. TRANSPORT INFORMATION

LAND TRANSPORT:

14.1. UN number or ID number 1263

14.2. UN proper shipping name: PAINT-RELATED MATERIAL

14.3. Transport hazard class: 3

14.4. Packing group: II

14.5. Environmental hazards: yes

14.6. Special precautions for users: None

14.7. Transport in bulk by sea in accordance with IMO instruments: not applicable

Other:

Identification code: F1

Labels: 3

Section 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations specific to substances and mixtures:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 (30.12.2006 EN Official Journal of the European Union L 396/1) as amended (9.10.2008 EN Official Journal of the European Union L 268/14; 17 February 2009 Official Journal of the European Union L 46/3; 26 June 2009 Official Journal of the European Union L 164/7; 1 April 2010 Official Journal of the European Union L 86/7; 31 May 2010 Official Journal of the European Union L 133/1; 18 February; EN Official Journal of the European Union L44/2; 21 May 2011 EN Official Journal of the European Union L134/2) as subsequently amended.
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 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 (referred to as the GHS Regulation) (31.12.2008 EN Official Journal of the European Union L 353/1), as subsequently amended.
3. Act of 28 May 2020 amending the Act on Chemical Substances and their Mixtures and certain other Acts (Journal of Laws 2020, item 1337)
4. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum dopuszczal concentrations and intensities of factors harmful to health in the workplace (Journal of Laws 2018, item 1286)
5. Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the workplace (Journal of Laws 2011, No. 33, item 166)

	SAFETY DATA SHEET		
	In accordance with Commission Regulation (EU) 2020/878		
	Date of issue: 18 February 2026	APP RC 02	Page 9 of 9

6. Commission Regulation (EU) No 252/2011 of 15 March 2011 amending Annex I to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
7. COMMISSION REGULATION (EU) No 253/2011 of 15 March 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XIII
8. Regulation of the Minister of Development of 8 August 2016 on the limitation of emissions of volatile organic compounds contained in certain paints and varnishes intended for the painting of buildings and their finishing elements, fittings and structures associated with buildings and these elements, and in mixtures for the refurbishment of vehicles (Journal of Laws 2016, item 1353)
9. Regulation of the Minister of Economy of 10 March 2014 amending the Regulation on specific requirements for aerosol products (Journal of Laws 2014, item 345)
10. COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
11. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment:

No data available.

Section 16. OTHER INFORMATION

Wording of the hazard statements listed in sections 2 and 3 of the safety data sheet:

H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed or inhaled
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Irritating to eyes
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs

Medical examinations of employees and tests and measurements of harmful factors must be carried out in accordance with applicable regulations.

The above information has been compiled based on current knowledge and experience. However, it does not constitute a guarantee of product ownership or quality specifications and cannot form the basis for a claim. The product should be transported, stored and used in accordance with applicable regulations and good working practices and hygiene.

The manufacturer accepts no liability for losses arising directly or indirectly from the application of the above interpretation of regulations or instructions.

The information provided does not apply to mixtures of the product with other substances. The use of the information provided, as well as the use of the product, is not controlled by the manufacturer; therefore, it is the user's responsibility to ensure appropriate conditions for the safe handling of the product.