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<p>1. Section 1. Identification of the substance/mixture and of the company/undertaking:</p> <p>1.1. Product identifier : AIR CON RAPID 1 35004</p> <p>1.2. Relevant identified uses of the substance or mixture and uses advised against: Active deodorizing spray</p> <p>1.3. Details of the supplier of the safety data sheet: Identification of manufacturer/Supplier: RETECH, s.r.o. Vackova 1541/4 150 00 Praha-5 Stodůlky Telephone/Fax: +420 327 596 128, +420 327 596 428 Information: info@retech.cz</p> <p>1.4. Emergency telephone number: RETECH Suchdol 212, Suchdol u Kutné Hory Tel.+420 327 596 128 (7.30-16.00 hour) Toxicology information number, Na bojišti 1, 128 08 PRAHA 2 Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)</p>	<p>2. Section 2. Hazard identification: The product is labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version. The classification is in line with current EC lists, It is expanded, however, by information from technical literature and by information furnished by supplier companies.</p> <p>2.1. Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008: Flam. Aerosol 1 Extremely flammable aerosol.</p> <p>Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Extremely flammable</p> <p>2.2. Label elements: Labelling according to Regulation (EC) No 1272/2008: GHS02  H222 Extremely flammable aerosol.</p> <p>Labelling according to Directive 1999/45/EC: F+  Extremely flammable</p> <p>Special labeling of certain preparations: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition.- No smoking. Keep out of the reach of children. Contains (R)-p-metha-1,8-diene.May produce an allergic reaction.</p> <p>2.3. Other hazards: Results of PBT and vPvB assessment: PBT: Not applicable vPvB: Not applicable</p>
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Buildup of explosive mixtures possible without sufficient ventilation.

3. Section 3. Composition/information on ingredients:

3.2. Mixtures:

Description: The active ingredient in propellants.

Dangerous components:

CAS: 106-97-8 EINECS: 203-448-7	Butane (containing <0,1% butadiene (203-450-8)) F+ R12 GHS02 Flam.Gas1, H220; GHS04 Press.Gas, H280	50-100%
CAS: 64-17-5 EINECS: 200-578-6	Ethanol F R11 GHS02 Flam.Lig.2, H225	10-<25%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-metha-1,8-diene Xi R38-43; N R50/53 R10 GHS02 Flam.Lig3, H226; GHS09 Aquatic Acute1, H400; Aquatic Chronic1, H410; GHS07 Skin Irrit2, H315; Skin Sens.1, H317	0,1-<1,0%

Additional information: For the wording of the listed risk phrases refer to section 16.

Ingredients according to detergents guideline 648/2004/EC: Aliphatic hydrocarbons ≥30%, perfumes <5%

4. Section 4. First aid measures:

4.1. Description of first aid measures:

After inhalation: Supply fresh air; consult doctor in case of symptoms.

After skin contact: Remove soaked clothing; Wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing: Rinse mouth; Do not induce vomiting; Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed: No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. Section 5. Fire fighting measures:

5.1. Extinguishing media:

Suitable extinguishing agents: CO₂, extinguishing powder. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Full water jet.

Protective equipment: Wear protective equipment/clothing when fighting fires.

5.2. Special hazards arising from the substance or mixture:

In case of fire CO may be possible.

5.3. Advice for firefighters:

Aerosols may explode when overheated. Cool the container with water.

6. Section 6. Accidental release measures:

6.1. Personal precautions, protective equipment and emergency procedures:

Wear protective equipment see Section 8.2. Ensure adequate ventilation. Keep unprotected person away. Remove possible sources of ignition.

6.2. Environmental precautions:

Do not allow to reach sewage system or any water course or ground water. Inform respective authorities in case of seepage into water course or sewage system.

6.3. Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections:

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See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment
See Section 13 for disposal information.

7. Section 7. Handling and storage:

- 7.1. Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
- Information about protection against explosions and fires: Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep ignition sources away - Do not smoke.
- 7.2. Conditions for safe handling, including any incompatibilities:
Requirements to be met by storerooms and containers: Store in cool location. Observe official regulations on storing packaging with pressurized containers.
- Information about storage in one common storage facility: Do not store together with strong acids and strong oxidizing agents.
- Further information about storage conditions: Keep receptacle tightly sealed. Do not seal receptacle gas tight. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.
- 7.3. Specific end use(s): No further relevant information available.

8. Section 8. Exposure controls and personal protection:

- 8.1 Control parameters:
Components with critical values that require monitoring at the workplace.
106-97-8 butane (containing <0,1% butadiene (203-450-8))
WEL Short-term value: 1810mg/m³, 750 ppm
Long-term value: 1450mg/m³, 600 ppm
Carc (if more than 0,1% of buta-1.3-diene)
64-17-5 Ethanol
WEL Long term value: 1920 mg/m³, 1000ppm
Additional information: The lists that were valid during the compilation were as basis.
- 8.2 Exposure controls:
Eye protection: Tightly sealed safety glasses.
Breathing equipment: In case of brief exposure or low pollution use respiratory filter device-filter AX/P2. In case of intensive or longer exposure use self-contained respiratory protective device.
Protection of hands: Solvent resistant gloves.
Selection of glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves: Nitrile rubber, NBR
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Protection of skin: Protective working clothing.
- 8.3. General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands during breaks and at the end of the work.
Do not inhale gases/fumes/aerosols.

9. Section 9. Physical and chemical properties:

- 9.1. Information on basic physical and chemical properties:
Appearance:

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form:	Aerosol
colour:	Colourless
Odour threshold:	Characteristic
Value pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point/boiling range:	0°C
Flash point:	-60°C
Evaporation rate:	Not applicable
Flammability (solid,gas):	Not applicable
Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Upper/lower flammability or explosive limits:	
Explosion limits: lower (% Vol):	1.5
upper (% Vol):	15.0
Vapour pressure (at 20°C):	4 Bar
Vapour density (at 20 °C):	Not determined
Relative density:	0.605 g/cm ³
Solubility in/miscibility with	
- water	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Oxidative properties:	Not determined
9.2. Other information:	
Organic solvents:	99.4%
Solids content	0.5%
VOC:	601.6g/l

10. Section 10. Stability and reactivity:	
10.1. Reactivity:	No further relevant information available.
10.2. Chemical stability:	No further relevant information available.
10.3. Possibility of hazardous reactions:	No dangerous reactions known.
10.4. Conditions to avoid:	There are known no conditions to avoid.
10.5. Incompatible materials:	There are known no incompatible materials.
10.6. Hazardous products of decomposition:	No dangerous decomposition products known.

11. Section 11. Toxicological information:	
11.1 Information on toxicological effects:	
Acute toxicity:	Not.
Irritation: on the skin:	No irritant effect.
on the eye:	No irritating effect.
Corrosivity:	Not corrosive.
Sensitization:	No sensitizing effect known.
Repeated dose toxicity:	No further relevant information available.
Carcinogenicity:	No further relevant information available.
Mutagenicity:	No further relevant information available.
Toxicity for reproduction:	No further relevant information available.
Other information:	No data.

12. Section 12. Ecological information:	
Water hazard class 1 (Self-assessment):	slightly hazardous for water.
	Do not allow the product or large quantities of it to reach ground water, water bodies or sewage system.
12.1. Toxicity:	No further relevant information available.

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- 12.2. Persistence and degradability: No further relevant information available.
 12.3. Bioaccumulative potential: No further relevant information available.
 12.4. Mobility in soil: No further relevant information available.
 12.5. Results of PBT and vPvB assessment:
 PBT: Not applicable
 vPvB: Not applicable
 12.6. Other adverse effects: No further relevant information available.

13. Section 13. Disposal considerations:

- 13.1 Waste treatment methods:
 Product: Must not be disposed together with household garbage. Do not allow product to reach sewage system.
 Uncleaned packagings: Disposal must be made according to official regulations.

14. Section 14. Transport information:

- 14.1. Land transport:
 ADR/RID-GGVS/E class: 2 5F Gases
 Danger code (Kemler): -
 Packaging group: -
 Hazard label: 2.1
 Number UN: 1950
 Limited quantities (LQ) LQ2
 Transport category 2
 Tunnel restriction code D
 Description of goods: Aerosols
- 14.2. Maritime transport:
 IMDG-class: 2.1
 Number UN: 1950
 Packaging group: -
 EMS-group: F-D,S-U
 Marine pollutant: No
 Proper shipping name: Aerosols
- 14.3. Air transport:
 ICAO / IATA -class: 2.1
 UN/ID number: 1950
 Label: 2.1
 Proper shipping name: Aerosols, flammable
 Special precautions for users - Waring: Gases
 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

15. Section 15. Regulatory information:

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
 Labelling according to law line:
 The product has been labeled in accordance with EC Directives / relevant national laws.
 Danger of determining components and mark to labelling:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after burn. Do not spray on a naked flame or any incandescent material.
 Discard empty packaging in separated waste.

Labelling hazardousness:



F+ - Extremely flammable

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Numbers and word reading associated hazard R-sentences :
R 12 Extremely flammable.

Numbers and word reading associated security S-sentences:

- S 2 Keep out of reach of children.
- S 16 Keep away from sources of ignition – No smoking.
- S 23 Do not breathe vapor/aerosol.
- S 46 If swallowed, seek medical advice immediately and show this container or label.
- S 51 Use only in well-ventilated areas.

On the packaging there is not included info in accordance with European Regulation No 1999/45/EC (chapter 2.5.).

Regulation (EC) No 648/2004 Contains: Aliphatic hydrocarbons $\geq 30\%$, perfume $< 5\%$
Contains (R)-p-metha-1,8-diene. May produce an allergic reaction.
Density: 0.605 g/cm³
VOC: 601.6 g/l

Used legislation:

- European Regulation (EC) No 1907/2006 – REACH.
- Commission Regulation (EU) No 453/2010.
- European Regulation No 67/548/EEC and 1999/45/EC.
- Commission Regulation (EC) No 1272/2006 – CLP.
- Commission Regulation (EC) No 790/2009.
- Regulation (EC) No 648/2004 (detergents).

National regulations:

Danish MAL Code 3-1

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Section 16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R+H phrases:

- R10 Flammable.
- R11 Highly flammable.
- R12 Extremely flammable.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

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(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
WEL- Workplace exposure limits
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

***Compared to the last version the data has been changed.**