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

# 1.1. Product identifier

beko Allbond-Spray 150 ml

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

# Use of the substance/mixture

Aerosol - Activator

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

| Company name:               | beko GmbH   |
|-----------------------------|---|
| Street:                     | Rappenfeldstr. 5  |
| Place:                      | D-86653 Monheim   |
| Telephone:                  | +49 (0) 90 91 / 9 08 98-0   |
| Fax                         | +49 (0) 90 91 / 9 08 98-29  |
| e-mail:                     | info@beko-group.com   |
| Internet:                   | www.beko-group.com  |
| Responsible Department:     | Abteilung Produktberatung   |
| 1.4. Emergency telephone bf | Poison Control Center Mainz - 24 hour emergency service – phone: +49 (0) 6131/19240 |

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

## Regulation (EC) No. 1272/2008

Hazard categories: Aerosol: Aerosol 1 Aspiration hazard: Asp. Tox. 1 Skin corrosion/irritation: Skin Irrit. 2 Specific target organ toxicity - single exposure: STOT SE 3 Hazardous to the aquatic environment: Aquatic Chronic 2 Hazard Statements: Extremely flammable aerosol. Pressurised container: May burst if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

# 2.2. Label elements

# Regulation (EC) No. 1272/2008

Hazard components for labelling

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane nal word: Danger

Signal word: Pictograms:

20...90



# Hazard statements

| H222 | Extremely flammable aerosol.                |
|------|---|
| H229 | Pressurised container: May burst if heated. |
| H315 | Causes skin irritation.                     |
| H336 | May cause drowsiness or dizziness.          |

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|---------------------------|--|--------------|
| H411                      | Toxic to aquatic life with long lasting effects.   |              |
| Precautionary statemer    | nts  |              |
| 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.   |              |
| P410+P412                 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                   |              |

#### 2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

# **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

### Hazardous components

| CAS No   | Chemical name                            | Quantity                     |                                    |             |
|----------|--|------------------------------|------------------------------------|-------------|
|          | EC No                                    | Index No                     | REACH No                           |             |
|          | Classification according to Re           | gulation (EC) No. 1272/2008  | [CLP]                              |             |
| 106-97-8 | butane                                   |                              |                                    | 40 - < 45 % |
|          | 203-448-7                                |                              | 01-2119474691-32                   |             |
|          | Flam. Gas 1, Liquefied gas; H            | 1220 H280                    |                                    |             |
|          | Hydrocarbons, C6-C7, n-alka              | 30 - < 35 %                  |                                    |             |
|          | 921-024-6                                |                              | 01-2119475514-35                   |             |
|          | Flam. Liq. 2, Skin Irrit. 2, STC<br>H411 |                              |                                    |             |
| 74-98-6  | propane                                  |                              |                                    | 20 - < 25 % |
|          | 200-827-9                                |                              | 01-2119486944-21                   |             |
|          | Flam. Gas 1, Liquefied gas; H            |                              |                                    |             |
| 99-97-8  | N,N-dimethyl-p-toluidine                 | 0.5 - < 1 %                  |                                    |             |
|          | 202-805-4                                |                              | 01-2119937766-23                   |             |
|          | Acute Tox. 3, Acute Tox. 3, Ac<br>H412   | cute Tox. 3, STOT RE 2, Aqua | tic Chronic 3; H331 H311 H301 H373 |             |

Full text of H and EUH statements: see section 16.

# SECTION 4: First aid measures

# 4.1. Description of first aid measures

# **General information**

Remove casualty to fresh air and keep warm and at rest. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

Provide fresh air. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

# After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

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#### After ingestion

Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

No information available.

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

Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO2), Foam, Extinguishing powder.

### Unsuitable extinguishing media

Water.

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

Extremely flammable aerosol. Vapours can form explosive mixtures with air.

# 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

# Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### 6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

# 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

# Advice on safe handling

Do not pierce or burn, even after use. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

### Further information on handling

Heating causes rise in pressure with risk of bursting.

# 7.2. Conditions for safe storage, including any incompatibilities

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## Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

# Advice on storage compatibility

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

# Further information on storage conditions

Keep away from food, drink and animal feedingstuffs.

# 7.3. Specific end use(s)

Aerosol - Activator

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

### Exposure limits (EH40)

| CAS No   | Substance | ppm | mg/m³ | fibres/ml | Category      | Origin |
|----------|-----------|-----|-------|-----------|---------------|--------|
| 106-97-8 | Butane    | 600 | 1450  |           | TWA (8 h)     | WEL    |
|          |           | 750 | 1810  |           | STEL (15 min) | WEL    |

# DNEL/DMEL values

| CAS No  | Substance     |                |          |                  |  |  |  |
|---|---------------|----------------|----------|------------------|--|--|--|
| DNEL type   |               | Exposure route | Effect   | Value            |  |  |  |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |               |                |          |                  |  |  |  |
| Worker DNEL, long-term  |               | dermal         | systemic | 773 mg/kg bw/day |  |  |  |
| Worker DNEL,  | long-term     | inhalation     | systemic | 2035 mg/m³       |  |  |  |
| Consumer DNE  | EL, long-term | dermal         | systemic | 699 mg/kg bw/day |  |  |  |
| Consumer DNEL, long-term  |               | inhalation     | systemic | 608 mg/m³        |  |  |  |
| Consumer DNE  | EL, long-term | oral           | systemic | 699 mg/kg bw/day |  |  |  |

## **PNEC** values

| CAS No   | Substance                 |              |  |  |  |
|--|---------------------------|--------------|--|--|--|
| Environmental                                    | Environmental compartment |              |  |  |  |
| 99-97-8  | N,N-dimethyl-p-toluidine  |              |  |  |  |
| Freshwater                                       |                           | 0,014 mg/l   |  |  |  |
| Freshwater (intermittent releases)               |                           | 0,137 mg/l   |  |  |  |
| Marine water                                     |                           | 0,001 mg/l   |  |  |  |
| Freshwater sediment                              |                           | 48,245 mg/kg |  |  |  |
| Marine sediment                                  |                           | 48,245 mg/kg |  |  |  |
| Micro-organisms in sewage treatment plants (STP) |                           | 1,36 mg/l    |  |  |  |
| Soil   | 20,365 mg/kg              |              |  |  |  |

#### 8.2. Exposure controls

# Appropriate engineering controls

Do not breathe gas/fumes/vapour/spray. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

# Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or

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drink.

### Eye/face protection

Wear eye protection/face protection. Suitable eye protection: Eye glasses with side protection DIN EN 166

# Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. DIN EN 374 Suitable material: FKM (fluoro rubber) (0,7 mm), Breakthrough time (maximum wearing time): 8h For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Skin protection

Wear anti-static footwear and clothing

### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Suitable respiratory protection apparatus: Combination filtering device (EN 14387) A-P2

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

| Physical state:<br>Colour:                               | liquid<br>colourless     |                         |
|--|--------------------------|-------------------------|
| Odour:   | like: Solvent            |                         |
| pH-Value:  |                          | not applicable          |
| Changes in the physical state                            |                          |                         |
| Melting point:   |                          | not applicable          |
| Initial boiling point and boiling range:                 |                          | <-20 °C                 |
| Flash point:   |                          | < -20 °C                |
| Flammability   |                          |                         |
| Solid:   |                          | not applicable          |
| Gas:   |                          | not applicable          |
| Explosive properties<br>In use may form flammable/explos | sive vapour-air mixture. |                         |
| Lower explosion limits:                                  |                          | 0,6 vol. %              |
| Upper explosion limits:                                  |                          | 9,4 vol. %              |
| Ignition temperature:                                    |                          | > 200 °C                |
| Auto-ignition temperature                                |                          |                         |
| Solid:   |                          | not applicable          |
| Gas:   |                          | not applicable          |
| Decomposition temperature:                               |                          | not determined          |
| Oxidizing properties<br>Not oxidising.                   |                          |                         |
| Vapour pressure:   |                          | not determined          |
| Vapour pressure:<br>(at 50 °C)                           |                          | 8,5 hPa                 |
| Density (at 20 °C):                                      |                          | 0,605 g/cm <sup>3</sup> |
| Water solubility:<br>(at 20 °C)                          |                          | practically insoluble   |
|  |                          |                         |

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| Solubility in other solvents<br>not determined |                |  |
|--|----------------|--|
| Partition coefficient:                         | not determined |  |
| Viscosity / dynamic:                           | not applicable |  |
| Vapour density:                                | not determined |  |
| Evaporation rate:                              | not determined |  |
| 9.2. Other information                         |                |  |
| Solid content:                                 | not determined |  |
|  |                |  |

# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Extremely flammable aerosol.

# 10.2. Chemical stability

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The product is stable under storage at normal ambient temperatures.

## 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

# 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

| CAS No  | Chemical name            |   |          |         |   |  |  |  |  |  |
|---------|--------------------------|---|----------|---------|---|--|--|--|--|--|
|         | Exposure route           | Dose  |          | Species | Source                                      | Method                                   |  |  |  |  |
|         | Hydrocarbons, C6-C7, n-  | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |          |         |   |  |  |  |  |  |
|         | oral                     | LD50<br>mg/kg   | > 5000   | Rat     |   |  |  |  |  |  |
|         | dermal                   | LD50<br>mg/kg   | > 2000   | Rat     |   |  |  |  |  |  |
|         | inhalative (4 h) vapour  | LC50<br>mg/l  | > 25,2   | Rat     | Study report (1988)                         | Group of rats were exposed to test subst |  |  |  |  |
| 99-97-8 | N,N-dimethyl-p-toluidine |   |          |         |   |  |  |  |  |  |
|         | oral                     | LD50<br>mg/kg   | 139      | Mouse   | RTECS (Registry of<br>Toxic Effects of Chem | other:                                   |  |  |  |  |
|         | dermal                   | ATE<br>mg/kg  | 300      |         |   |  |  |  |  |  |
|         | inhalative vapour        | ATE   | 3 mg/l   |         |   |  |  |  |  |  |
|         | inhalative aerosol       | ATE   | 0,5 mg/l |         |   |  |  |  |  |  |

### Irritation and corrosivity

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Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

# Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

# STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane)

## STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

## Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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| CAS No   | Chemical name   |               |           |           |                                  |  |   |  |  |  |  |
|----------|---|---------------|-----------|-----------|----------------------------------|--|---|--|--|--|--|
|          | Aquatic toxicity  | Dose          |           | [h]   [d] | Species                          | Source   | Method  |  |  |  |  |
| 106-97-8 | butane  |               |           |           |                                  |  |   |  |  |  |  |
|          | Acute fish toxicity   | LC50<br>mg/l  | 49,9      | 96 h      | Fish, no other information       | United States<br>Enviro                        | The Ecosar class pro                          |  |  |  |  |
|          | Acute algae toxicity  | ErC50<br>mg/l | 19,37     | 96 h      | Algae                            | USEPA OPPT<br>Risk Asse                        | Calculation using EC                          |  |  |  |  |
|          | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |               |           |           |                                  |  |   |  |  |  |  |
|          | Acute fish toxicity   | LC50          | 11,4 mg/l | 96 h      | Oncorhynchus mykiss              | OECD Guideline<br>203                          |   |  |  |  |  |
|          | Acute algae toxicity  | ErC50<br>mg/l | (10 - 30) | 72 h      | Raphidocelis<br>subcapitata      | OECD Guideline<br>201                          |   |  |  |  |  |
|          | Acute crustacea toxicity  | EC50          | 3 mg/l    | 48 h      | Daphnia magna                    | OECD Guideline<br>202                          |   |  |  |  |  |
|          | Fish toxicity   | NOEC<br>mg/l  | 2,045     | 28 d      | Oncorhynchus mykiss              | CONCAWE,<br>Brussels, Belgium<br>(2010)        | The aquatic<br>toxicity was<br>estimated by a |  |  |  |  |
|          | Crustacea toxicity  | NOEC          | 1 mg/l    | 21 d      | Daphnia magna                    | SIDS Initial<br>Assessment<br>Report For SIAM  | OECD Guideline<br>211                         |  |  |  |  |
| 74-98-6  | propane   |               |           |           |                                  |  |   |  |  |  |  |
|          | Acute fish toxicity   | LC50<br>mg/l  | 147,54    | 96 h      | Fish, no other information       | United States<br>Enviro                        | The Ecosar class pro                          |  |  |  |  |
|          | Acute algae toxicity  | ErC50<br>mg/l | 16,47     | 96 h      | Green algea                      | United States<br>Enviro                        | Calculation using EC                          |  |  |  |  |
|          | Acute crustacea toxicity  | EC50<br>mg/l  | 46,6      | 48 h      | Daphnid no other<br>information. | United States<br>Enviro                        | Calculation using EC                          |  |  |  |  |
| 99-97-8  | N,N-dimethyl-p-toluidine  |               |           |           |                                  |  |   |  |  |  |  |
|          | Acute fish toxicity   | LC50<br>mg/l  | 32,036    | 96 h      | Fish                             | ECOSAR v1.1<br>Class-specific<br>Estimations,  | other: Modelling<br>database                  |  |  |  |  |
|          | Acute algae toxicity  | ErC50<br>mg/l | 15,481    | 96 h      | Green Algae                      | US EPA ,High<br>Production<br>Volume Informati | other:  |  |  |  |  |
|          | Acute crustacea toxicity  | EC50<br>mg/l  | 23,758    | 48 h      | Daphnia magna                    | US EPA ,High<br>Production<br>Volume Informati | other:  |  |  |  |  |
|          | Acute bacteria toxicity   | (13,6 mg      | /l)       | 0,5 h     | Photobacterium<br>phosphoreum    | Water Pollution<br>Research Journal<br>of Cana | other:  |  |  |  |  |

# 12.2. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name  |      |  |  |  |  |  |
|--------|--|------|--|--|--|--|--|
|        | Method Value d Source  |      |  |  |  |  |  |
|        | Evaluation   |      |  |  |  |  |  |
|        | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hex | kane |  |  |  |  |  |
|        | Biodegradation 81% 28  |      |  |  |  |  |  |
|        | Readily biodegradable (according to OECD criteria).            |      |  |  |  |  |  |

# 12.3. Bioaccumulative potential

The product has not been tested.

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## Partition coefficient n-octanol/water

| CAS No   | Chemical name            | Log Pow |
|----------|--------------------------|---------|
| 106-97-8 | butane                   | 1,81    |
| 99-97-8  | N,N-dimethyl-p-toluidine | 1,729   |

# BCF

| CAS No  | Chemical name            | BCF | Species | Source            |
|---------|--------------------------|-----|---------|-------------------|
| 99-97-8 | N,N-dimethyl-p-toluidine | 33  | Fish    | Modeling database |

## 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

#### 12.6. Other adverse effects

No information available.

#### **Further information**

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

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

# Advice on disposal

160504

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Waste disposal number of waste from residues/unused products

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

## Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

# **SECTION 14: Transport information**

#### Land transport (ADR/RID)

| <u>14.1. UN number:</u>           | UN 1950         |
|-----------------------------------|-----------------|
| 14.2. UN proper shipping name:    | AEROSOLS        |
| 14.3. Transport hazard class(es): | 2               |
| 14.4. Packing group:              | -               |
| Hazard label:                     | 2.1             |
|                                   | 2               |
| Classification code:              | 5F              |
| Special Provisions:               | 190 327 344 625 |
| Limited quantity:                 | 1 L             |
| Excepted quantity:                | E0              |
| Transport category:               | 2               |
| Tunnel restriction code:          | D               |
| Inland waterways transport (ADN)  |                 |
| <u>14.1. UN number:</u>           | UN 1950         |
|                                   |                 |

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| 14.2. UN proper shipping name:  | AEROSOLS   |               |
| 14.3. Transport hazard class(es):   | 2  |               |
| 14.4. Packing group:  | -  |               |
| Hazard label:   | 2.1  |               |
|   |  |               |
| Classification code:  | 5F   |               |
| Special Provisions:   | 190 327 344 625                                  |               |
| Limited quantity:<br>Excepted quantity:                                   | 1 L<br>E0  |               |
| Marine transport (IMDG)   | E  |               |
| <u>14.1. UN number:</u>   | UN 1950  |               |
| 14.1. UN proper shipping name:  | AEROSOLS   |               |
| 14.3. Transport hazard class(es):   | 2.1  |               |
| 14.4. Packing group:  | -  |               |
| Hazard label:   | 2.1  |               |
| Special Provisions:<br>Limited quantity:<br>Excepted quantity:            | 63, 190, 277, 327, 344, 381,959<br>1000 mL<br>E0 |               |
| EmS:  | F-D, S-U   |               |
| Air transport (ICAO-TI/IATA-DGR)  |  |               |
| <u>14.1. UN number:</u>   | UN 1950  |               |
| 14.2. UN proper shipping name:  | AEROSOLS, flammable                              |               |
| 14.3. Transport hazard class(es):   | 2.1  |               |
| 14.4. Packing group:  | -  |               |
| Hazard label:   |  |               |
| Special Provisions:<br>Limited quantity Passenger:                        | A145 A167 A802<br>30 kg G                        |               |
| Passenger LQ:   | Y203   |               |
| Excepted quantity:  | E0 203   |               |
| IATA-packing instructions - Passenger:<br>IATA-max. quantity - Passenger: | 203<br>75 kg                                     |               |
| IATA-packing instructions - Cargo:  | 203  |               |
| IATA-max. quantity - Cargo:   | 150 kg   |               |
| 14.5. Environmental hazards   |  |               |
| ENVIRONMENTALLY HAZARDOUS:  | yes  |               |
| Danger releasing substance:   | HYDROCARBONS, LIQUID, N.O.S.                     |               |

according to Regulation (EC) No 1907/2006

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# 14.6. Special precautions for user

Warning: Flammable gases.

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

not applicable

# **SECTION 15: Regulatory information**

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

## EU regulatory information

|   | 2010/75/EU (VOC):  | 98,663 % (596,909 g/l)  |
|---|--|---|
|   | 2004/42/EC (VOC):  | 99,968 % (604,803 g/l)  |
|   | Information according to 2012/18/EU (SEVESO III):                          | P3a FLAMMABLE AEROSOLS  |
|   | Additional information:  | E2  |
|   | Additional information   |   |
|   | To follow: 850/2004/EC , 79/117/EEC , 6<br>Aerosol directive (75/324/EEC). | 689/2008/EC , 2008/47/EC  |
|   | National regulatory information  |   |
|   | Employment restrictions:   | Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). |
|   | Water contaminating class (D):   | 2 - clearly water contaminating   |
| 5 | 2 Chemical safety assessment   |   |

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

#### **SECTION 16: Other information**

#### Changes

This data sheet contains changes from the previous version in section(s): 2,15.

# 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) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

# Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification          | Classification procedure      |
|-------------------------|-------------------------------|
| Aerosol 1; H222-H229    | On basis of test data         |
| Asp. Tox. 1; H304       | Calculation method            |
| Skin Irrit. 2; H315     | Bridging principle "Aerosols" |
| STOT SE 3; H336         | Bridging principle "Aerosols" |
| Aquatic Chronic 2; H411 | Calculation method            |

# Relevant H and EUH statements (number and full text)

| H220 | Extremely flammable gas.            |
|------|-------------------------------------|
| H222 | Extremely flammable aerosol.        |
| H225 | Highly flammable liquid and vapour. |

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according to Regulation (EC) No 1907/2006

# beko Allbond-Spray 150 ml

Page 12 of 12 Revision date: 27.11.2017 H229 Pressurised container: May burst if heated. H280 Contains gas under pressure; may explode if heated. H301 Toxic if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H315 Causes skin irritation. H331 Toxic if inhaled. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

# **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singulary responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)