

# BR WWS-SB WINDSHIELD SOLVENT CONCENTRATE

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 05/28/2015

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : BR WWS-SB WINDSHIELD SOLVENT CONCENTRATE  
Product code : BR-WWS-SB 5 GAL, BR-WWS55 GAL

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

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

BRC PROFESSIONAL DETAILING PRODUCTS  
P.O. Box 317  
BURLINGTON, NC 27216  
T 336-229-6480

#### 1.4. Emergency telephone number

Emergency number : 800-424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

|                                     |      |
|-------------------------------------|------|
| Flam. Liq. 2                        | H225 |
| Acute Tox. 3 (Oral)                 | H301 |
| Acute Tox. 3 (Dermal)               | H311 |
| Acute Tox. 2 (Inhalation:dust,mist) | H330 |
| STOT SE 1                           | H370 |

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H225 - Highly flammable liquid and vapor  
H301+H311 - Toxic if swallowed or in contact with skin  
H330 - Fatal if inhaled  
H370 - Causes damage to organs

Precautionary statements (GHS-US) :

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting/... equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P264 - Wash ... thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P284 - [In case of inadequate ventilation] wear respiratory protection  
P301+P310 - If swallowed: Immediately call a poison center/doctor/...  
P302+P352 - If on skin: Wash with plenty of water/...  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P307+P311 - If exposed: Call a poison center/doctor  
P310 - Immediately call a poison center/doctor/...  
P312 - Call a poison center/doctor/... if you feel unwell

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P320 - Specific treatment is urgent (see ... on this label)  
P321 - Specific treatment (see ... on this label)  
P330 - Rinse mouth  
P361 - Take off immediately all contaminated clothing  
P363 - Wash contaminated clothing before reuse  
P370+P378 - In case of fire: Use ... to extinguish  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container to ...

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name     | Product identifier | %        | Classification (GHS-US)  |
|----------|--------------------|----------|--|
| methanol | (CAS No) 67-56-1   | 90 - 100 | Flam. Liq. 2, H225<br>Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Inhalation), H331<br>STOT SE 1, H370 |

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Wash contaminated clothing before reuse, Wash with plenty of soap and water. Get medical advice/attention. Specific treatment (see Wash skin with plenty of water on this label).

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye damage.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures : Wash Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work thoroughly after handling.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Store in a well-ventilated place. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| BR WWS-SB WINDSHIELD SOLVENT CONCENTRATE |                  |  |
|--|------------------|--|
| ACGIH                                    | Not applicable   |  |
| OSHA                                     | Not applicable   |  |
| methanol (67-56-1)                       |                  |  |
| ACGIH                                    | ACGIH TWA (ppm)  | 200 ppm (Methanol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
| ACGIH                                    | ACGIH STEL (ppm) | 250 ppm (Methanol; USA; Short time value; TLV - Adopted Value)                         |
| OSHA                                     | Not applicable   |  |

#### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Wear appropriate mask.

Other information : Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| Physical state                              | : Liquid  |
| Appearance                                  | : Clear Liquid.   |
| Color                                       | : Clear Liquid  |
| Odor  | : Mild, Alcoholic   |
| Odor threshold                              | : No data available   |
| pH  | : ≈ 7   |
| Relative evaporation rate (butyl acetate=1) | : No data available   |
| Melting point                               | : No Data   |
| Freezing point                              | : No data available   |
| Boiling point                               | : -98 °C (-144.4 F)   |
| Flash point                                 | : > 11 °C (51.8 F)  |
| Auto-ignition temperature                   | : 385 °C (725.0 F)  |
| Decomposition temperature                   | : No data available   |
| Flammability (solid, gas)                   | : No data available   |
| Vapor pressure                              | : 12.8 kPa @20 C  |
| Relative vapor density at 20 °C             | : No data available   |
| Relative density                            | : 0.791 (≥ 0.793)   |
| Specific gravity / density                  | : < 1   |
| Solubility                                  | : Soluble in water.<br>Water: Solubility in water of component(s) of the mixture :<br>• methanol: ≥ 100 g/100ml (20 °C) |
| Log Pow                                     | : No data available   |
| Log Kow                                     | : No data available   |
| Viscosity, kinematic                        | : No data available   |
| Viscosity, dynamic                          | : No data available   |
| Explosive properties                        | : No data available   |
| Oxidizing properties                        | : No data available   |
| Explosive limits                            | : No data available   |

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation:dust,mist: Fatal if inhaled.

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| BR WWS-SB WINDSHIELD SOLVENT CONCENTRATE |                           |
|--|---------------------------|
| ATE US (oral)                            | 100.000 mg/kg body weight |
| ATE US (dermal)                          | 300.000 mg/kg body weight |
| ATE US (dust, mist)                      | 0.500 mg/l/4h             |

| methanol (67-56-1)         |  |
|----------------------------|--|
| LD50 oral rat              | > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) |
| LD50 dermal rabbit         | 15800 mg/kg (Rabbit; Literature study)   |
| LC50 inhalation rat (mg/l) | 85 mg/l/4h (Rat; Literature study)   |
| LC50 inhalation rat (ppm)  | 64000 ppm/4h (Rat; Literature study)   |
| ATE US (oral)              | 100.000 mg/kg body weight  |
| ATE US (dermal)            | 300.000 mg/kg body weight  |
| ATE US (gases)             | 700.000 ppmV/4h  |
| ATE US (vapors)            | 3.000 mg/l/4h  |
| ATE US (dust, mist)        | 0.500 mg/l/4h  |

|   |   |
|---|---|
| Skin corrosion/irritation                           | : Not classified<br>pH: ≈ 7   |
| Serious eye damage/irritation                       | : Not classified<br>pH: ≈ 7   |
| Respiratory or skin sensitization                   | : Not classified  |
| Germ cell mutagenicity                              | : Not classified  |
| Carcinogenicity                                     | : Not classified  |
| Reproductive toxicity                               | : Not classified  |
| Specific target organ toxicity (single exposure)    | : Causes damage to organs.  |
| Specific target organ toxicity (repeated exposure)  | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/injuries after skin contact                | : Causes skin irritation.   |
| Symptoms/injuries after eye contact                 | : Causes serious eye damage.  |

## SECTION 12: Ecological information

### 12.1. Toxicity

| methanol (67-56-1) |  |
|--------------------|--|
| LC50 fish 1        | 15400 mg/l (LC50; EPA 660/3 - 75/009; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value) |
| EC50 Daphnia 1     | > 10000 mg/l (EC50; DIN 38412-11; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)                 |
| LC50 fish 2        | 10800 mg/l (LC50; 96 h; Salmo gairdneri)   |

### 12.2. Persistence and degradability

| BR WWS-SB WINDSHIELD SOLVENT CONCENTRATE |                  |
|--|------------------|
| Persistence and degradability            | Not established. |

| methanol (67-56-1)              |   |
|---------------------------------|---|
| Persistence and degradability   | Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil. |
| Biochemical oxygen demand (BOD) | 0.6 - 1.12 g O <sub>2</sub> /g substance  |
| Chemical oxygen demand (COD)    | 1.42 g O <sub>2</sub> /g substance  |
| ThOD                            | 1.5 g O <sub>2</sub> /g substance   |
| BOD (% of ThOD)                 | 0.8 (Literature study)  |

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### 12.3. Bioaccumulative potential

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|--|--|
| Bioaccumulative potential                | Not established.                               |
| <b>methanol (67-56-1)</b>                |  |
| BCF fish 1                               | < 10 (BCF; 72 h; Leuciscus idus)               |
| Log Pow                                  | -0.77 (Experimental value; Other)              |
| Bioaccumulative potential                | Low potential for bioaccumulation (BCF < 500). |

### 12.4. Mobility in soil

| methanol (67-56-1) |   |
|--------------------|---|
| Surface tension    | 0.023 N/m (20 °C)                       |
| Log Koc            | Koc,PCKOCWIN v1.66; 1; Calculated value |

### 12.5. Other adverse effects

|                              |  |
|------------------------------|--|
| Effect on ozone layer        | :  |
| Effect on the global warming | : No known ecological damage caused by this product. |
| Other information            | : Avoid release to the environment.                  |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                |   |
|--------------------------------|---|
| Waste treatment methods        | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                     |
| Ecology - waste materials      | : Avoid release to the environment.   |

## SECTION 14: Transport information

|                                  |   |
|----------------------------------|---|
| In accordance with DOT           |   |
| Transport document description   | : UN3253 Disodium trioxosilicate, 8, III          |
| UN-No.(DOT)                      | : UN3253  |
| Proper Shipping Name (DOT)       | : Disodium trioxosilicate                         |
| Transport hazard class(es) (DOT) | : 8 - Class 8 - Corrosive material 49 CFR 173.136 |
| Hazard labels (DOT)              | : 8 - Corrosive                                   |



|   |  |
|---|--|
| Packing group (DOT)                       | : III - Minor Danger   |
| DOT Special Provisions (49 CFR 172.102)   | : IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).<br>IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner.<br>T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)<br>TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter. |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : 154  |
| DOT Packaging Non Bulk (49 CFR 173.xxx)   | : 213  |
| DOT Packaging Bulk (49 CFR 173.xxx)       | : 240  |

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DOT Quantity Limitations Passenger aircraft/rail : 25 kg  
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 100 kg  
CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 52 - Stow "separated from" acids

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### BR WWS-SB WINDSHIELD SOLVENT CONCENTRATE

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

No additional information available

### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

### 15.2.2. National regulations

### 15.3. US State regulations

## SECTION 16: Other information

Revision date : 05/28/2015

Other information : None.

Full text of H-phrases:

|                                     |   |
|-------------------------------------|---|
| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2            |
| Acute Tox. 3 (Dermal)               | Acute toxicity (dermal) Category 3                          |
| Acute Tox. 3 (Inhalation)           | Acute toxicity (inhalation) Category 3                      |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral) Category 3                            |
| Flam. Liq. 2                        | Flammable liquids Category 2                                |
| STOT SE 1                           | Specific target organ toxicity (single exposure) Category 1 |
| H225                                | Highly flammable liquid and vapor                           |
| H301                                | Toxic if swallowed  |
| H311                                | Toxic in contact with skin                                  |
| H330                                | Fatal if inhaled  |
| H331                                | Toxic if inhaled  |
| H370                                | Causes damage to organs                                     |

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SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*