



## SAFETY DATA SHEET

### WIS Chemical Anchor WVSF 200T Part B

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

##### 1.1. Product identifier

**Product name** WIS Chemical Anchor WVSF 200T Part B  
**Synonyms; trade names** 6099127 WIS Chemical Anchor WVSF 200T

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

**Identified uses** Catalyst.

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

**Supplier** J. van Walraven Holding B.V.  
 Industrieweg 5  
 3641 RK Mijdrecht  
 The Netherlands  
 Tel. 0031 297 23 30 00  
 Fax. 0031 297 23 30 33  
 Info.nl@walraven.com  
 www.walraven.com

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1295 753400 (Monday to Thursday 08:30 - 17:00; Friday 08:30 - 16:00)

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Eye Irrit. 2 - H319 Skin Sens. 1 - H317  
**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

**Human health** May cause skin disorders if contact is repeated or prolonged. May irritate eyes and skin.

**Environmental** The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

**Physicochemical** Not considered to be a significant hazard due to the small quantities used.

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

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|   |   |
|---|---|
| <b>Hazard statements</b>                      | <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p>   |
| <b>Precautionary statements</b>               | <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |
| <b>Supplementary precautionary statements</b> | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P411 Store at temperatures not exceeding 25°C/77°F.</p>  |

### 2.3. Other hazards

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

##### 3.2. Mixtures

|   |                         |   |               |
|---|-------------------------|---|---------------|
| <b>BENZOYL PEROXIDE</b>   |                         |   | <b>10-15%</b> |
| CAS number: 94-36-0   | EC number: 202-327-6    | REACH registration number: 01-2119511472-50 |               |
| M factor (Acute) = 10   | M factor (Chronic) = 10 |   |               |
| <b>Classification</b><br>Org. Perox. B - H241<br>Eye Irrit. 2 - H319<br>Skin Sens. 1 - H317<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |                         |   |               |

|   |                      |   |              |
|---|----------------------|---|--------------|
| <b>BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR</b> |                      |   | <b>5-10%</b> |
| CAS number: 670241-72-2                             | EC number: 447-010-5 | REACH registration number: 01-0000018876-55 |              |
| <b>Classification</b><br>Aquatic Chronic 2 - H411   |                      |   |              |

|   |                      |   |             |
|---|----------------------|---|-------------|
| <b>ZINC DISTEARATE</b>                          |                      |   | <b>1-5%</b> |
| CAS number: 557-05-1                            | EC number: 209-151-9 | REACH registration number: 01-2119982400-42           |             |
| M factor (Acute) = 1                            |                      |   |             |
| <b>Classification</b><br>Aquatic Acute 1 - H400 |                      | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>- |             |

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|   |   |   |
|---|---|---|
| <b>CARBON BLACK</b>                     |   | <b>&lt;0.5%</b>                             |
| CAS number: 1333-86-4                   | EC number: 215-609-9                                  | REACH registration number: 01-2119384822-32 |
| <b>Classification</b><br>Not Classified | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>- |   |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move affected person to fresh air at once. Get medical attention if any discomfort continues.   |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.  |
| <b>Skin contact</b> | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.   |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel. |

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

|                     |  |
|---------------------|--|
| <b>Ingestion</b>    | May cause discomfort if swallowed.       |
| <b>Skin contact</b> | Causes skin irritation.                  |
| <b>Eye contact</b>  | Irritation of eyes and mucous membranes. |

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

|                             |   |
|-----------------------------|---|
| <b>Notes for the doctor</b> | No specific recommendations. If in doubt, get medical attention promptly. |
|-----------------------------|---|

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

|                                     |   |
|-------------------------------------|---|
| <b>Suitable extinguishing media</b> | Extinguish with foam, carbon dioxide or dry powder. |
|-------------------------------------|---|

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

|                                      |  |
|--------------------------------------|--|
| <b>Specific hazards</b>              | No specific precautions due to the small quantities handled. |
| <b>Hazardous combustion products</b> | Oxides of carbon.  |

##### 5.3. Advice for firefighters

|  |   |
|--|---|
| <b>Protective actions during firefighting</b>        | Avoid breathing fire gases or vapours.  |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

#### SECTION 6: Accidental release measures

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

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Wear protective clothing as described in Section 8 of this safety data sheet. |
|-----------------------------|---|

##### 6.2. Environmental precautions

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**Environmental precautions**      Avoid release to the environment.

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

**Methods for cleaning up**      Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections**      Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions**      Keep away from heat, sparks and open flame.

**Advice on general occupational hygiene**      Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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

**Storage precautions**      Keep away from flammable and combustible materials. Store in closed original container at temperatures between 5°C and 25°C.

**Storage class**      Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)**      The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **BENZOYL PEROXIDE**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

#### **CARBON BLACK**

Long-term exposure limit (8-hour TWA): WEL 3.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 7 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### **BENZOYL PEROXIDE (CAS: 94-36-0)**

|             |  |
|-------------|--|
| <b>DNEL</b> | Industry - Dermal; Long term : 6.6 mg/kg/day               |
|             | Industry - Oral; Long term : 1.6 mg/kg/day                 |
|             | Industry - Inhalation; Long term : 11.75 mg/m <sup>3</sup> |
| <b>PNEC</b> | - Sediment (Freshwater); 0.338 mg/kg                       |
|             | - marine water; 0.0000602 mg/l                             |
|             | - Sediment (Marinewater); 0.0338 mg/kg                     |
|             | - STP; 0.35 mg/l   |
|             | - Fresh water; 0.000602 mg/l                               |

#### **CARBON BLACK (CAS: 1333-86-4)**

|             |  |
|-------------|--|
| <b>DNEL</b> | Industry/Professional - Inhalation; Long term systemic effects: 2 mg/m <sup>3</sup><br>REACH dossier information |
|-------------|--|

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### PNEC

- Fresh water; 5 mg/l
  - marine water; 5 mg/l
- REACH dossier information

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

The following protection should be worn: Chemical splash goggles.

#### Hand protection

Wear protective gloves made of the following material: Nitrile rubber.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. **DO NOT SMOKE IN WORK AREA!**

#### Respiratory protection

No specific recommendations.

### SECTION 9: Physical and chemical properties

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

|  |                 |
|--|-----------------|
| Appearance                                   | Liquid          |
| Colour                                       | Off-white.      |
| Odour  | Characteristic. |
| Odour threshold                              | Not determined. |
| pH   | 5 - 6           |
| Melting point                                | Not applicable. |
| Initial boiling point and range              | Not applicable. |
| Flash point                                  | Not applicable. |
| Evaporation rate                             | Not determined. |
| Evaporation factor                           | Not determined. |
| Flammability (solid, gas)                    | Not determined. |
| Upper/lower flammability or explosive limits | Not determined. |
| Other flammability                           | Not determined. |
| Vapour pressure                              | Not determined. |
| Vapour density                               | Not determined. |
| Relative density                             | 1.5 - 1.6       |
| Bulk density                                 | Not applicable. |
| Solubility(ies)                              | Not determined. |

## WIS Chemical Anchor WVSF 200T Part B

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Partition coefficient</b>     | Not determined.           |
| <b>Auto-ignition temperature</b> | Not determined.           |
| <b>Decomposition Temperature</b> | >50°C                     |
| <b>Viscosity</b>                 | > 60 S ISO2431            |
| <b>Explosive properties</b>      | No information available. |
| <b>Oxidising properties</b>      | Not determined.           |

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | The following materials may react with the product: Acids. Alkalis. Amines. Strong reducing agents. |
|-------------------|---|

##### 10.2. Chemical stability

|                  |  |
|------------------|--|
| <b>Stability</b> | Stable at normal ambient temperatures and when used as recommended. Will decompose at temperatures exceeding 50°C. |
|------------------|--|

##### 10.3. Possibility of hazardous reactions

|   |                      |
|---|----------------------|
| <b>Possibility of hazardous reactions</b> | Will not polymerise. |
|---|----------------------|

##### 10.4. Conditions to avoid

|                            |  |
|----------------------------|--|
| <b>Conditions to avoid</b> | Avoid contact with strong reducing agents. Avoid heat. Avoid contact with acids and alkalis. |
|----------------------------|--|

##### 10.5. Incompatible materials

|                           |  |
|---------------------------|--|
| <b>Materials to avoid</b> | Strong reducing agents. Acids, non-oxidising. Acids - organic. Alkalis - inorganic. Alkalis - organic. Amines. |
|---------------------------|--|

##### 10.6. Hazardous decomposition products

|   |                   |
|---|-------------------|
| <b>Hazardous decomposition products</b> | Oxides of carbon. |
|---|-------------------|

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Skin sensitisation

|                           |              |
|---------------------------|--------------|
| <b>Skin sensitisation</b> | Sensitising. |
|---------------------------|--------------|

|                   |                                   |
|-------------------|-----------------------------------|
| <b>Inhalation</b> | No specific health hazards known. |
|-------------------|-----------------------------------|

|                  |                                    |
|------------------|------------------------------------|
| <b>Ingestion</b> | May cause discomfort if swallowed. |
|------------------|------------------------------------|

|                     |  |
|---------------------|--|
| <b>Skin contact</b> | Irritating to skin. May cause sensitisation by skin contact. |
|---------------------|--|

|                    |  |
|--------------------|--|
| <b>Eye contact</b> | Irritation of eyes and mucous membranes. |
|--------------------|--|

|                          |                          |
|--------------------------|--------------------------|
| <b>Route of exposure</b> | Skin and/or eye contact. |
|--------------------------|--------------------------|

|                         |   |
|-------------------------|---|
| <b>Medical symptoms</b> | Skin irritation. Irritation of eyes and mucous membranes. |
|-------------------------|---|

|                               |                           |
|-------------------------------|---------------------------|
| <b>Medical considerations</b> | No information available. |
|-------------------------------|---------------------------|

##### Toxicological information on ingredients.

## WIS Chemical Anchor WVSF 200T Part B

BENZOYL PEROXIDECarcinogenicity

IARC carcinogenicity

IARC Group 3 Not classifiable as to its carcinogenicity to humans.

**SECTION 12: Ecological information**12.1. ToxicityEcological information on ingredients.BENZOYL PEROXIDEAcute aquatic toxicityLE(C)<sub>50</sub> 0.01 < L(E)C<sub>50</sub> ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 0.06 mg/l, Oncorhynchus mykiss (Rainbow trout)Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 0.11 mg/l, Daphnia magnaAcute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 0.07 mg/l, Selenastrum capricornutumChronic aquatic toxicity

M factor (Chronic) 10

BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEARAcute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 24 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
 LC<sub>50</sub>, 48 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
 LC<sub>50</sub>, 72 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
 EC<sub>50</sub>, 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
 EC<sub>100</sub>, 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
 NOEC, 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 24 hours: > 2.2 mg/l, Daphnia magna  
 EC<sub>50</sub>, 48 hours: > 2.2 mg/l, Daphnia magna  
 NOEC, 48 hours: > 2.2 mg/l, Daphnia magna

Acute toxicity - microorganisms IC<sub>50</sub>, 3 hours: > 1000 mg/l, Activated sludge  
 NOEC, 3 hours: > 1000 mg/l, Activated sludge

12.2. Persistence and degradability**Persistence and degradability** There are no data on the degradability of this product.12.3. Bioaccumulative potential**Bioaccumulative potential** No data available on bioaccumulation.**Partition coefficient** Not determined.12.4. Mobility in soil**Mobility** Mobile. The product is partly miscible with water and may spread in the aquatic environment.12.5. Results of PBT and vPvB assessment

## WIS Chemical Anchor WVSF 200T Part B

### Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

|                            |   |
|----------------------------|---|
| <b>General information</b> | Dispose of waste product or used containers in accordance with local regulations                    |
| <b>Disposal methods</b>    | Dispose of waste via a licensed waste disposal contractor.  |
| <b>Waste class</b>         | The waste code classification is to be carried out according to the European Waste Catalogue (EWC). |

#### SECTION 14: Transport information

##### 14.1. UN number

|                         |      |
|-------------------------|------|
| <b>UN No. (ADR/RID)</b> | 3082 |
| <b>UN No. (IMDG)</b>    | 3082 |
| <b>UN No. (ICAO)</b>    | 3082 |
| <b>UN No. (ADN)</b>     | 3082 |

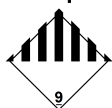
##### 14.2. UN proper shipping name

|                                       |   |
|---------------------------------------|---|
| <b>Proper shipping name (ADR/RID)</b> | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR) |
| <b>Proper shipping name (IMDG)</b>    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR) |
| <b>Proper shipping name (ICAO)</b>    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR) |
| <b>Proper shipping name (ADN)</b>     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR) |

##### 14.3. Transport hazard class(es)

|                                    |    |
|------------------------------------|----|
| <b>ADR/RID class</b>               | 9  |
| <b>ADR/RID classification code</b> | M6 |
| <b>ADR/RID label</b>               | 9  |
| <b>IMDG class</b>                  | 9  |
| <b>ICAO class/division</b>         | 9  |
| <b>ADN class</b>                   | 9  |

##### Transport labels



##### 14.4. Packing group

|                              |     |
|------------------------------|-----|
| <b>ADR/RID packing group</b> | III |
| <b>IMDG packing group</b>    | III |
| <b>ICAO packing group</b>    | III |



## WIS Chemical Anchor WVSF 200T Part B

ADN packing group III

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant

**14.6. Special precautions for user**

EmS F-A, S-F

ADR transport category 3

Emergency Action Code •3Z

Hazard Identification Number 90  
(ADR/RID)

Tunnel restriction code (E)

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU legislation (EU) No 2015/830

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

|                                  |  |
|----------------------------------|--|
| <b>Revision comments</b>         | This is the first issue. NOTE: Lines within the margin indicate significant changes from the previous revision.  |
| <b>Revision date</b>             | 14/12/2017   |
| <b>Version number</b>            | 1.000  |
| <b>SDS number</b>                | 20904  |
| <b>Hazard statements in full</b> | H241 Heating may cause a fire or explosion.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H400 Very toxic to aquatic life.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H411 Toxic to aquatic life with long lasting effects. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.