# AQUACER 535 N

Product code: 000000000000113229

Version 1.1 SDS_APJ_MY | Revision Date 30.10.2026 | Print Date 04.11.2026

## Section 1: Identification of the hazardous chemical and of the supplier

### Product identifier

| | | |
|---|---|---|
| Product name | : | AQUACER 535 N |
| Recommended use | : | Wax Additive |

### Manufacturer or supplier's details

| | | |
|---|---|---|
| Company | : | BYK Netherlands BV |
| Address | : | Danzigweg 23<br>7418 EN Deventer |
| Telephone | : | +49 281 670-23532 |
| Telefax | : | +49 281 670-23533 |
| E-mail address | : | GHS.BYK@altana.com |
| Emergency telephone number | : | +60 3 6207 4347 (Malay and English)<br>+65 3158 1074 (All languages) |

## SECTION 2: Hazards identification

### Classification of the hazardous chemical

| | | |
|---|---|---|
| Serious eye damage/eye irritation | : | Category 1 |

### Label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements :

**Prevention:**

P280 Wear eye protection/ face protection.

**Response:**

P305 + P351 + P338 + P310 IF IN EYES: 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.

### Other hazards which do not result in classification

None known.

## Section 3: Composition and information of the ingredients of the hazardous chemical

| | | |
|---|---|---|
| Substance / Mixture | : | Mixture |
| Chemical nature | : | Non-ionic aqueous emulsion based on a modified paraffin wax |

**Components**

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|---|---|
| Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | >= 12.5 -< 20 |
| Ethoxylated isoalcohols(C=9-11, C=10 rich) | 78330-20-8 | >= 5 -< 7 |

## SECTION 4: First aid measures

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Clean mouth with water and drink afterwards plenty of water.
Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

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

Notes to physician : No information available.

## SECTION 5: Firefighting measures

**Extinguishing media**

Suitable extinguishing media : Foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media : High volume water jet

**Physicochemical hazards arising from the chemical**

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Nitrogen oxides (NOx)
Carbon oxides

**Special protective equipment and precautions for fire-fighters**

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary. |
| Specific extinguishing methods | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

## SECTION 6: Accidental release measures

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment. |
| Environmental precautions | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Neutralise with acid.<br>Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Keep in suitable, closed containers for disposal. |

## SECTION 7: Handling and storage

**Handling**

**Precautions for safe handling**

| | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
| Advice on safe handling | : | Do not breathe vapours/dust.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>To avoid spills during handling keep bottle on a metal tray.<br>Dispose of rinse water in accordance with local and national regulations. |

**Storage**

**Conditions for safe storage, including any incompatibilities**

| | | |
|---|---|---|
| Conditions for safe storage | : | Keep container tightly closed in a dry and well-ventilated place.<br>Electrical installations / working materials must comply with the technological safety standards. |
| Further information on storage stability | : | No decomposition if stored and applied as directed. |

## Section 8: Exposure controls and personal protection

**Control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | TWA (Fumes) | 2 mg/m3 | MY PEL |
| | | TWA (Fumes) | 2 mg/m3 | ACGIH |

**Individual protection measures, such as personal protective equipment (PPE)**

Eye/face protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hand protection

Material : butyl-rubber

Remarks : Wear suitable gloves.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

## SECTION 9: Physical and chemical properties

| | | |
|---|---|---|
| Appearance | : | Emulsion |
| Colour | : | yellow - brown |
| Odour | : | Wax like |
| Odour Threshold | : | No data available |
| pH | : | 10.0 (20 °C)<br>Concentration: 100 % |
| Melting point/freezing point | : | 2 °C<br>(1,013 hPa) |
| Boiling point/boiling range | : | 100 °C<br>(1,013 hPa) |
| Flash point | : | Not applicable |
| Evaporation rate | : | No data available |
| Flammability (liquids) | : | Will not burn |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |

| | | |
|---|---|---|
| Vapour pressure | : | No data available |
| Relative vapour density | : | No data available |
| Density | : | 0.98 g/cm3 (20 °C, 1,013 hPa) |
| Solubility(ies) | | |
| Water solubility | : | completely miscible |
| Partition coefficient: n-octanol/water | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity | | |
| Viscosity, dynamic | : | 25 mPa.s<br>Method: DIN 53019 |
| Viscosity, kinematic | : | No data available |
| Surface tension | : | 47.0 mN/m, 20 °C, ring dynamometer |

## SECTION 10: Stability and reactivity

| | | |
|---|---|---|
| Reactivity | : | No decomposition if stored and applied as directed. |
| Chemical stability | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | No decomposition if stored and applied as directed. |
| Conditions to avoid | : | No data available |
| Incompatible materials | : | Oxidizing agents<br>Strong acids and strong bases |
| Hazardous decomposition products | : | No hazardous decomposition products are known. |

## SECTION 11: Toxicological information

Information on likely routes of exposure : None known.

**Acute toxicity**

**Product:**

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

**Skin corrosion/irritation**

**Product:**

Remarks : No data available

**Serious eye damage/eye irritation**

**Product:**

Remarks : May cause irreversible eye damage.

**Respiratory or skin sensitisation**

**Product:**

Remarks : No data available

**Germ cell mutagenicity**

**Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

**Carcinogenicity**

**Product:**

Remarks : No data available

**Reproductive toxicity**

**Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

**STOT - single exposure**

**Product:**

Remarks : No data available

**STOT - repeated exposure**

**Product:**

Remarks : No data available

**Repeated dose toxicity**

**Product:**

Remarks : No data available

**Aspiration toxicity**

**Product:**

No data available

**Further information**

**Product:**

Remarks : No data available

## SECTION 12: Ecological information

**Ecotoxicity**

**Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

**Persistence and degradability**

**Product:**

Biodegradability : Remarks: No data available

**Bioaccumulative potential**

**Product:**

Bioaccumulation : Remarks: No data available

**Mobility in soil**

No data available

**Other adverse effects**

**Product:**

Additional ecological information : No data available

## Section 13: Disposal information

**Disposal methods**

Waste from residues : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

## SECTION 14: Transport information

**International Regulations**

**UNRTDG**

UN number : Not applicable

| | | |
|---|---|---|
| Proper shipping name | : | Not applicable |
| Class | : | Not applicable |
| Subsidiary risk | : | Not applicable |
| Packing group | : | Not applicable |
| Labels | : | Not applicable |

**IATA-DGR**

| | | |
|---|---|---|
| UN/ID No. | : | Not applicable |
| Proper shipping name | : | Not applicable |
| Class | : | Not applicable |
| Subsidiary risk | : | Not applicable |
| Packing group | : | Not applicable |
| Labels | : | Not applicable |
| Packing instruction (cargo aircraft) | : | Not applicable |
| Packing instruction (passenger aircraft) | : | Not applicable |

**IMDG-Code**

| | | |
|---|---|---|
| UN number | : | Not applicable |
| Proper shipping name | : | Not applicable |
| Class | : | Not applicable |
| Subsidiary risk | : | Not applicable |
| Packing group | : | Not applicable |
| Labels | : | Not applicable |
| EmS Code | : | Not applicable |
| Marine pollutant | : | Not applicable |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Special precautions for user**

Not applicable

## SECTION 15: Regulatory information

**Safety, health, and environmental regulations specific for the hazardous chemical**

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.
Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

## SECTION 16: Other information

| | | |
|---|---|---|
| Date format | : | dd.mm.yyyy |

**Full text of other abbreviations**

| | | |
|---|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| MY PEL | : | Malaysia. Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000. |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| MY PEL / TWA | : | Eight-hour time-weighted average airborne concentration |

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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