

AQUACER 1541

Version 1

Revision Date 01/27/2021

Print Date 01/06/2026

SECTION 1. IDENTIFICATION

Product name : AQUACER 1541

Manufacturer or supplier's detailsCompany : BYK USA LLC
524 South Cherry Street
Wallingford CT 06492

Telephone : (203) 265-2086

Visit our web site : www.byk.comE-mail address : BRIEF.BYK.NAFTA@altana.comEmergency telephone : 203-265-2086; CHEMTREC 1-800-424-9300 / +1
number : 703-527-3887**Recommended use of the chemical and restrictions on use**

Recommended use : Wax Additive

Restrictions on use : Refer to Section 15 for any restrictions that may apply

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Non-ionic emulsion based on carnauba wax

Hazardous components

| Component | CAS-No. | Concentration (%) |
|------------------------------------|-----------|-------------------|
| Sorbitan monostearate, ethoxylated | 9005-67-8 | >= 4 - < 5 |

SECTION 4. FIRST AID MEASURES

General advice : 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 : Remove contact lenses.

Protect unharmed eye.

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If swallowed : If eye irritation persists, consult a specialist.
 : Keep respiratory tract clear.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.

SECTION 5. FIREFIGHTING MEASURES

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

Unsuitable extinguishing media : High volume water jet

Hazardous combustion products : Carbon oxides
 Nitrogen oxides (NO_x)

Further information : Standard procedure for chemical fires.
 Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Environmental precautions : Try to prevent the material from entering drains or water courses.

Methods and materials for containment and cleaning up : Neutralise with acid.
 Wipe up with absorbent material (e.g. cloth, fleece).
 Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : For personal protection see section 8.
 Smoking, eating and drinking should be prohibited in the application area.

Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type | Control | Basis |
|------------|---------|------------|---------|-------|
|------------|---------|------------|---------|-------|

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| | | (Form of exposure) | parameters / Permissible concentration | |
|------------------------------------|-----------|---------------------------|--|-------|
| Sorbitan monostearate, ethoxylated | 9005-67-8 | TWA (Inhalable fraction) | 10 mg/m ³ | ACGIH |
| Sorbitan monostearate, ethoxylated | | TWA (Respirable fraction) | 3 mg/m ³ | ACGIH |

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection
- Material : Nitrile rubber
 - Break through time : > 480 min
 - Glove thickness : 0.4 mm
 - Protective index : Class 6
- Remarks : The information is based on our own tests, on data from literature and information from protective glove producers or is based on data obtained from similar substances.
- Eye protection : Safety glasses
- Skin and body protection : Protective suit
- Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Emulsion
- Colour : yellow - brown
- Odour : Wax like
- Odour Threshold : No data available
- pH : 10, Concentration: 100 % (68 °F (20 °C))
- Melting point/freezing point : 36 °F (2 °C)
(1,013 hPa)
- Boiling point/boiling range : 212 °F (100 °C)
(1,013 hPa)
- Vapour pressure : No data available
- Flash point : Not applicable
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Evaporation rate : No data available

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| | | |
|--|---|---|
| Relative vapour density | : | No data available |
| Density | : | 0.99 g/cm ³ (68 °F (20 °C)) |
| Solubility(ies) | | |
| Water solubility | : | completely miscible |
| Partition coefficient: n-octanol/water | : | No data available |
| Ignition temperature | : | No data available |
| Thermal decomposition | : | No data available |
| Viscosity | | |
| Viscosity, dynamic | : | < 50 mPa.s (73 °F (23 °C)) Method: DIN 53019 |
| Viscosity, kinematic | : | No data available |

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 | : | Stable under recommended storage conditions. No hazards to be specially mentioned. |
| Conditions to avoid | : | No data available |
| Incompatible materials | : | Strong acids and strong bases Oxidizing agents |
| Hazardous decomposition products | : | No hazardous decomposition products are known. |

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Acute toxicity****Components:****9005-67-8 Sorbitan monostearate, ethoxylated:**

Acute oral toxicity : LD50 (Rat): > 30,000 mg/kg

Skin corrosion/irritation**Components:****9005-67-8 Sorbitan monostearate, ethoxylated:**

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Species: Rabbit
Result: No skin irritation

Serious eye damage/eye irritation**Components:****9005-67-8 Sorbitan monostearate, ethoxylated:**

Species: Rabbit
Result: No eye irritation

Respiratory or skin sensitisation**Carcinogenicity****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Further information**Product:**

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Results of PBT and vPvB
assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

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| | |
|-----------------------------------|---|
| | 0.1% or higher. |
| Regulation | 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances |
| Remarks | This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). |
| Additional ecological information | : No data available |

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

US. EPA CERCLA Hazardous Substances (40 CFR 302)

| Components | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|------------------------|----------|-----------------------|--------------------------------|
| 2-dimethylaminoethanol | 108-01-0 | 100 | 20000 |

SARA 304 - Emergency Release Notification

This material does not contain any components with a section 304 EHS RQ.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

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This material does not contain any components with a SARA 302 RQ.

SARA 311/312 Hazards : Per the June 13, 2016 Federal Register notice, EPA harmonized the EPCRA 311/312 hazard categories with the 2012 OSHA hazard communication standard for classifying and labeling of chemicals (i.e. GHS). Please refer to Section 2 of the SDS to identify the appropriate hazard categories for reporting purposes.

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Non-volatile (Wt) : 25 %
Method: 60min/125°C
DIN EN ISO 3251

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

| | |
|------------------------------------|-----------|
| Water | 7732-18-5 |
| Wax | - |
| Sorbitan monostearate, ethoxylated | 9005-67-8 |
| Potassium hydroxide | 1310-58-3 |

New Jersey Right To Know

| | |
|------------------------------------|-----------|
| Water | 7732-18-5 |
| Wax | - |
| Sorbitan monostearate, ethoxylated | 9005-67-8 |

New Jersey Trade Secret Registry Number for the product (NJ TSRN) : Not Applicable

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California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

- TSCA : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements per 40 CFR 720 30(h).
- TSCA Inventory Active List : All components of this product are listed active and/or are exempt
- DSL : We certify that all of the components of this product are listed on the DSL.

SECTION 16. OTHER INFORMATION

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.