

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

SECTION 1. IDENTIFICATION

Product name : DISPERBYK-2291

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 : Wetting & Dispersing 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 : Combination of surface active substances with an inorganic carrier

Hazardous components

| Component | CAS-No. | Concentration (%) |
|--------------------|-------------|-------------------|
| Fine Mineral media | - | >= 60 - < 80 |
| Silica, amorphous | 112926-00-8 | >= 10 - < 30 |

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.

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : 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 : Avoid dust formation.
- Environmental precautions : Try to prevent the material from entering drains or water courses.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.
Sweep up and shovel.
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.

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|--------------------|-------------|----------------------------------|---|-----------|
| Fine Mineral media | - | TWA (total dust) | 15 mg/m ³ | OSHA Z-1 |
| Fine Mineral media | | TWA (respirable fraction) | 5 mg/m ³ | OSHA Z-1 |
| Fine Mineral media | | TWA (Total) | 15 mg/m ³ | OSHA P0 |
| Fine Mineral media | | TWA (Respirable fraction) | 5 mg/m ³ | OSHA P0 |
| Silica, amorphous | 112926-00-8 | TWA | 6 mg/m ³ | OSHA P0 |
| Silica, amorphous | | TWA (Dust) | 20 Million particles per cubic foot (Silica) | OSHA Z-3 |
| Silica, amorphous | | TWA (Dust) | 80 mg/m ³ / %SiO ₂ (Silica) | OSHA Z-3 |
| Silica, amorphous | | TWA | 6 mg/m ³ (Silica) | NIOSH REL |

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Material : Nitrile rubber

Break through time : > 480 min

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : powder

Colour : white

Odour : mild

Odour Threshold : No data available

pH : 6, Concentration: 1 % (68 °F (20 °C)) Method: Universal pH-value indicator

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

| | |
|--|--|
| Melting point/ range | : No data available |
| Boiling point/boiling range | : No data available |
| Vapour pressure | : Not applicable |
| Flash point | : Not applicable |
| Upper explosion limit | : No data available |
| Lower explosion limit | : No data available |
| Evaporation rate | : No data available |
| Flammability (solid, gas) | : Combustible Solids |
| Burning rate | : No data available |
| Dust explosion class | : No data available |
| Relative vapour density | : No data available |
| Particle size | : No data available |
| Density | : Not applicable |
| Bulk density | : 620 g/l Method: 34 (bulk density) |
| Solubility(ies) | |
| Water solubility | : insoluble |
| Solubility in other solvents | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Ignition temperature | : Not applicable |
| Thermal decomposition | : No data available |
| Viscosity | |
| Viscosity, dynamic | : Not applicable |
| Viscosity, kinematic | : Not applicable |

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 | : Stable under recommended storage conditions. |

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

reactions

No hazards to be specially mentioned.

Dust may form explosive mixture in air.

Conditions to avoid

: No data available

Incompatible materials

: No data available

Hazardous decomposition
products

: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation

Ingestion

Eye contact

Skin contact

Acute toxicity**Product:**

Acute oral toxicity : Remarks: No data available

Components:**- Fine Mineral media:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Skin corrosion/irritation**Product:**

Remarks: No data available

Components:**- Fine Mineral media:**

Species: Rabbit

Result: Mild skin irritation

Serious eye damage/eye irritation**Product:**

Remarks: No data available

Respiratory or skin sensitisation**Product:**

Remarks: No data available

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Carcinogenicity**Product:**

Remarks: No data available

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.

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:**

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

No data available

Further information**Product:**

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish :
Remarks: No data availableToxicity 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

No data available

Product:Regulation 40 CFR Protection of Environment; Part 82 Protection of
Stratospheric Ozone - CAA Section 602 Class I SubstancesRemarks 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 : No data available
information**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Contaminated packaging : Empty containers should be taken to an approved waste

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

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)**

This material does not contain any components with a CERCLA RQ.

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)

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

DISPERBYK-2291

Version 1

Revision Date 05/17/2026

Print Date 06/18/2026

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).

Massachusetts Right To Know

| | |
|--------------------|-------------|
| Fine Mineral media | - |
| Silica, amorphous | 112926-00-8 |

Pennsylvania Right To Know

| | |
|--------------------|-------------|
| Fine Mineral media | - |
| Silica, amorphous | 112926-00-8 |
| Polymer | - |

New Jersey Right To Know

New Jersey Trade Secret Registry Number for the product (NJ TSRN) : 800963-6071

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 | : All substances listed as active on the TSCA inventory |
| Section 5a | : No substances are subject to a Significant New Use Rule. |
| Section 4 / 12(b) | : No substances are subject to TSCA 12(b) export notification requirements. |
| DSL | : We certify that all of the components of this product are listed on the DSL. |

SECTION 16. OTHER INFORMATION

Revision Date : 05/17/2026

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.