

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

Print Date 01/06/2026

**SECTION 1. IDENTIFICATION**

Product name : BYK-SILCLEAN 3725

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

Telephone : (203) 265-2086

Visit our web site : [www.byk.com](http://www.byk.com)

E-mail address : BRIEF.BYK.NAFTA@altana.com

Emergency telephone : 203-265-2086; CHEMTREC 1-800-424-9300 / +1  
703-527-3887**Recommended use of the chemical and restrictions on use**

Recommended use : Surface Additive

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

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 4

**GHS label elements**

Signal Word : Warning

Hazard Statements : H227 Combustible liquid.

Precautionary Statements : **Prevention:**  
P210 Keep away from heat/ sparks/ open flames/ hot surfaces.  
No smoking.

P280 Wear protective gloves/ eye protection/ face protection.

**Response:**P370 + P378 In case of fire: Use dry sand, dry chemical or  
alcohol-resistant foam to extinguish.**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal:**P501 Dispose of contents/ container to an approved waste  
disposal plant.**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Polyether modified dimethylpolysiloxane

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

Print Date 01/06/2026

**Hazardous ingredients**

Component	CAS-No.	Concentration (%)
2-Methoxymethylethoxypropanol [DPM]	34590-94-8	>= 60 - < 80

**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 skin contact	: If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. 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. FIRE-FIGHTING MEASURES**

Suitable extinguishing media	: Carbon dioxide (CO <sub>2</sub> ) Dry chemical
Unsuitable extinguishing media	: High volume water jet
Hazardous combustion products	: Carbon oxides Silicon oxides
Further information	: For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.
Special protective equipment for fire-fighters	: 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	: Do not flush into surface water or sanitary sewer system.  Prevent further leakage or spillage if safe to do so.

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

Print Date 01/06/2026

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid formation of aerosol.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : No smoking.  
Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-Methoxymethylethoxypropanol [DPM]	34590-94-8	TWA	100 ppm 600 mg/m <sup>3</sup>	OSHA Z-1
2-Methoxymethylethoxypropanol [DPM]		TWA	50 ppm	ACGIH

**Personal protective equipment**
**Hand protection**

Material : butyl-rubber  
Break through time : > 480 min

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

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

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

Print Date 01/06/2026

Hygiene measures : Wash hands before breaks and at the end of workday.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid  
Color : slightly yellow – light brown  
Odor : not significant  
Odor Threshold : No data available

pH : 6 - 7, Concentration: 1 % (68 °F (20 °C)) Method: Universal pH-value indicator

Melting point/ range : < 32 °F (< 0 °C)  
(1,013 hPa)  
Method: derived

Boiling point/boiling range : ca. 374 °F (190 °C)  
(1,013 hPa)  
Method: derived

Vapor pressure : < 1 hPa (68 °F (20 °C))  
Method: derived

Flash point : 172 °F (78 °C)  
(1,013 hPa)  
Method: 49 (Pensky-Martens)

Upper explosion limit : No data available

Lower explosion limit : No data available

Evaporation rate : No data available

Relative vapor density : No data available

Density : ca. 0.97 g/cm<sup>3</sup> (68 °F (20 °C))  
Method: 4 (20°C oscillating U-tube)

Solubility(ies)  
Water solubility : insoluble

Partition coefficient: n-  
octanol/water : No data available

Ignition temperature : > 392 °F (> 200 °C)  
1,013 hPa  
Method: DIN 51 794/ DIN prEN 14 522

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

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Viscosity  
Viscosity, dynamic : ca. 36 mPa.s (68 °F (20 °C))  
Method: P/K 20°C

Viscosity, kinematic : No data available

Surface tension : 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 reactions : No decomposition if stored and applied as directed.  
Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.  
Incompatible materials : Strong oxidizing agents  
Strong acids and strong bases  
Hazardous decomposition products : No decomposition if stored and applied as directed.

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Acute toxicity****Components:****34590-94-8 2-Methoxymethylethoxypropanol [DPM]:**

Acute oral toxicity : LD50 (Rat): 5,200 mg/kg

Acute inhalation toxicity : LC50 (Rat): &gt; 50 mg/l

Acute dermal toxicity : LD50 (Rabbit): 9,500 mg/kg

**Skin corrosion/irritation****Components:****34590-94-8 2-Methoxymethylethoxypropanol [DPM]:**

Species: Rabbit

Result: slight irritation

**Serious eye damage/eye irritation****Components:****34590-94-8 2-Methoxymethylethoxypropanol [DPM]:**

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

Print Date 01/06/2026

Species: Rabbit  
Result: Mild eye irritation

**Respiratory or skin sensitization****Components:****34590-94-8 2-Methoxymethylethoxypropanol [DPM]:**

Result: Does not cause skin sensitization.

**Carcinogenicity****IARC**

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

**Aspiration toxicity****Components:****34590-94-8 2-Methoxymethylethoxypropanol [DPM]:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

**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

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

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**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 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**

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.  
Do not burn, or use a cutting torch on, the empty drum.

**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.

**Domestic regulation****49 CFR**

**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

Print Date 01/06/2026

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know****US. EPA CERCLA Hazardous Substances (40 CFR 302)**

Calculated RQ exceeds reasonably attainable upper limit.

**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**

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 I Intermediate or Final VOC's (40 CFR 60.489).

Non-volatile (Wt) : 25 %  
Method: 22 (10min/150°C)  
DIN EN ISO 3251

**Massachusetts Right To Know**

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**BYK-SILCLEAN 3725**

Version 1

Revision Date 08/12/2025

Print Date 01/06/2026

**Pennsylvania Right To Know**

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**New Jersey Right To Know****New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : Not applicable**California Prop. 65**

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

**The ingredients of this product are reported in the following inventories:**

- TSCA : On or in compliance with the active portion of the TSCA inventory  
A polymer in this product is exempt from Inventory listing because it meets the polymer exemption under 40 CFR 723.250. Importers or manufacturers of exempt polymers are subject to recordkeeping and reporting; processors are not subject to these requirements.
- 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 : 08/12/2025

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.