# BYK-3762

Version 1 | Revision Date 02/12/2025 | Print Date 08/06/2026

## SECTION 1. IDENTIFICATION

Product name : BYK-3762

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

Emergency telephone number : 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**

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 : Polyether modified polydimethylsiloxane

**Hazardous components**

No hazardous ingredients

## SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.
If inhaled : Not hazardous by inhalation.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
In case of skin contact : Remove contaminated clothing. Wash thoroughly with soap and water.
In case of eye contact : Immediately flush with plenty of water for at least 20 minutes. Get medical aid.

| | | |
|---|---|---|
| | | Remove contact lenses.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist. |
| If swallowed | : | Do not induce vomiting; aspiration hazard. Dilute with 1-2 glasses of water. Get medical aid. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.<br>Never give anything by mouth to an unconscious person.<br>Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician. |
| Most important symptoms and effects, both acute and delayed | : | No information available. |

## SECTION 5. FIREFIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Foam<br>Carbon dioxide (CO2)<br>Dry chemical |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during firefighting | : | Will not explode on mechanical impact.<br>Cool closed containers exposed to fire with water spray. |
| Hazardous combustion products | : | Carbon oxides<br>silicone compounds<br>formaldehyde |
| Further information | : | Keep away from heat and sources of ignition.<br>Keep away from oxidizing agents.<br>Standard procedure for chemical fires.<br>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 | : | Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate respirator if in a confined area. |
| Environmental precautions | : | Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods. |
| Methods and materials for containment and cleaning up | : | Wipe up with absorbent material (e.g. cloth, fleece).<br>Keep in suitable, closed containers for disposal. |

## SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on safe handling | : | Avoid contact with skin and eyes.<br>Keep container closed when not in use.<br>Handle as an industrial chemical.<br>For personal protection see section 8.<br>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 | : | Keep away from oxidizing agents.<br><br>No materials to be especially mentioned. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

| | | |
|---|---|---|
| **Engineering measures** | : | Use with local exhaust ventilation. |

**Personal protective equipment**

| | | |
|---|---|---|
| Respiratory protection | : | No personal respiratory protective equipment normally required. |
| Hand protection<br>Material | : | Neoprene |
| Eye protection | : | Safety glasses with side-shields<br>Safety glasses |
| Skin and body protection | : | Choose body protection according to the amount and concentration of the dangerous substance at the work place.<br>Protective suit |
| Hygiene measures | : | Handle in accordance with good industrial hygiene and safety practice.<br>Clean long legged, long sleeved work clothes.<br>If splashing is possible, wear chemically resistant protective clothing.<br>General industrial hygiene practice. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | liquid |
| Colour | : | light brown |
| Odour | : | not significant |
| Odour Threshold | : | No data available |
| pH | : | 7, Concentration: 10 % (68 °F (20 °C)) Method: Universal pH-value indicator |

| | | |
|---|---|---|
| Melting point/ range | : | < 32 °F (< 0 °C)<br>Method: derived |
| Boiling point/boiling range | : | > 392 °F (> 200 °C)<br>Method: derived |
| Vapour pressure | : | < 1.0000000 hPa (68.00 °F (20.00 °C))<br>Method: derived |
| Flash point | : | > 212 °F (> 100 °C)<br>Method: 49 (Pensky-Martens) |
| Upper explosion limit | : | No data available |
| Lower explosion limit | : | No data available |
| Evaporation rate | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Relative vapour density | : | No data available |
| Relative Density/Specific Gravity | : | No data available |
| Density | : | 1.0300 g/cm3 (68.00 °F (20.00 °C))<br>Method: 4 (20°C oscillating U-tube) |
| Bulk density | : | Not applicable |
| Solubility(ies) | | |
| Water solubility | : | immiscible |
| Solubility in other solvents | : | No data available |
| Partition coefficient: n-octanol/water | : | No data available |
| Ignition temperature | : | > 392 °F (> 200 °C)<br>Method: DIN 51794 |
| Thermal decomposition | : | No data available |
| Viscosity | | |
| Viscosity, kinematic | : | No data available |
| Surface tension | : | 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.<br>No hazards to be specially mentioned. |
| Conditions to avoid | : | No data available |
| Incompatible materials | : | Strong oxidizing agents |
| Hazardous decomposition products | : | No data available |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**
Inhalation
Ingestion
Eyes
Skin Absorption
Skin contact

**Acute toxicity**

**Product:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): > 10,000.000000 mg/kg<br>Method: OECD Test Guideline 401 |

**Skin corrosion/irritation**

**Product:**

Species: Rabbit
Assessment: No skin irritation
Method: OECD Test Guideline 404
Result: No skin irritation

**Serious eye damage/eye irritation**

**Product:**

Species: Rabbit
Result: No eye irritation
Assessment: No eye irritation
Method: OECD Test Guideline 405

**Respiratory or skin sensitisation**

**Product:**

Remarks: No data available

**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. |

**Repeated dose toxicity**

**Product:**

Remarks: No known chronic health effects.

**Experience with human exposure**

**Product:**

| | | |
|---|---|---|
| Inhalation: | | |
| | Symptoms: | None expected. |
| Skin contact: | | |
| | Symptoms: | Contact may cause irritation. |
| Eye contact: | | |
| | Symptoms: | Contact may cause irritation. |
| Ingestion: | | |
| | Symptoms: | Ingestion will probably irritate the digestive tract; high dosages may cause CNS depression. |

**Further information**

**Product:**

Remarks: No data available

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Product:**

Toxicity to fish : 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 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

EPA Hazardous Waste Code(s) : Not applicable.

Waste from residues : Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

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

Non-volatile (Wt) : > 96.00 %
Method: 22 (10min/150°C)
DIN EN ISO 3251
Non-volatile information is not a specification.

**Massachusetts Right To Know**

| | |
|---|---|
| Propylene oxide | 75-56-9 |
| Acetaldehyde | 75-07-0 |
| Formaldehyde | 50-00-0 |
| Ethylene oxide | 75-21-8 |
| 1,4-Dioxane | 123-91-1 |

**Pennsylvania Right To Know**

| | |
|---|---|
| Polysiloxanes | - |
| Polyglycol | - |

**New Jersey Right To Know**

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : 800963-5147

**California Prop. 65**

⚠ WARNING: This product can expose you to chemicals including Propylene oxide, Acetaldehyde, Formaldehyde, Ethylene oxide, 1,4-Dioxane, which is/are known to the State of California to cause cancer, and Ethylene oxide, Methanol, Chloromethane, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

**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 : 02/12/2025

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.