

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

**SECTION 1. IDENTIFICATION**

Product name : BYK-057

**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](mailto: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 : Defoamer

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

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

Flammable liquids : Category 3

Specific target organ toxicity - single exposure : Category 3 (Respiratory system, Central nervous system)

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.Precautionary statements : **Prevention:**  
P210 Keep away from heat/ sparks/ open flames/ hot surfaces.  
No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting  
equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

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

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

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

P405 Store locked up.

**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 : solution of polyolefin

**Hazardous components**

Component	CAS-No.	Concentration (%)
Solvent naphtha, petroleum, light aromatic	64742-95-6	>= 30 - < 60
1-Methoxy-2-propanol acetate	108-65-6	>= 5 - < 10

**SECTION 4. FIRST AID MEASURES**

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

If inhaled : Consult a physician after significant exposure.  
 If unconscious, place in recovery position and seek medical advice.

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.

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

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

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Alcohol-resistant foam : Carbon dioxide (CO <sub>2</sub> ) : Dry chemical
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Cool closed containers exposed to fire with water spray. : Will not explode on mechanical impact.  : Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	: Carbon oxides
Further information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. : 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 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. : Remove all sources of ignition. : Evacuate personnel to safe areas. : Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions	: Prevent product from entering drains. : Prevent further leakage or spillage if safe to do so. : If the product contaminates rivers and lakes or drains inform respective authorities.
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

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

local / national regulations (see section 13).

**SECTION 7. HANDLING AND STORAGE**

- Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
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.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : Keep away from oxidizing agents.

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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
1-Methoxy-2-propanol acetate	108-65-6	TWA	50 ppm	US WEEL

Hazardous components without workplace control parameters

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

**Personal protective equipment**

- Respiratory protection : Unless air monitoring demonstrates vapor/mist/dust levels are below the PEL/TLV wear a properly fitted respirator (NIOSH approved) or dust mask during exposure.  
In the case of vapour formation use a respirator with an approved filter.
- Hand protection  
Material : Viton
- 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

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

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

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 : liquid  
Colour : light yellow  
Odour : solvent-like  
Odour Threshold : No data available

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

Melting point/range : ca. < 32 °F (< 0 °C)  
Method: derived

Initial boiling point : 294.80 °F (146.00 °C)  
Method: derived

Vapour pressure : 5.0000000 hPa (68.00 °F (20.00 °C))  
Method: derived

Flash point : 114.80 °F (46.00 °C)  
Method: 48 (Abel-Pensky) DIN 51755

Upper explosion limit : 12.00 %(V)

Lower explosion limit : 1.00 %(V)

Evaporation rate : No data available

Relative vapour density : No data available

Relative Density/Specific Gravity : No data available

Density : 0.8900 g/cm<sup>3</sup> (68.00 °F (20.00 °C))  
Method: 4 (20°C oscillating U-tube)

Bulk density : Not applicable

Solubility(ies)  
Water solubility : immiscible

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Ignition temperature	:	> 392 °F (> 200 °C) Method: DIN 51794
Thermal decomposition	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	44.000 mm <sup>2</sup> /s (68.00 °F (20.00 °C))  27.000 mm <sup>2</sup> /s (104.00 °F (40.00 °C))

**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	:	1-Methoxy-2-propanol acetate may form peroxides of unknown stability.  No decomposition if stored and applied as directed.  Vapours may form explosive mixture with air.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	None expected

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

Skin contact  
Skin Absorption  
Inhalation  
Eyes  
Ingestion

**Acute toxicity****Product:**

Acute oral toxicity : LD50 (Rat, male and female): 4,970.000000 mg/kg  
Method: OECD Test Guideline 401

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

GLP: yes

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

**Components:****64742-95-6 Solvent naphtha, petroleum, light aromatic:**

Acute oral toxicity : LD50 (Rat): > 4,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 3670 ppm  
Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): > 3,480 mg/kg

**108-65-6 1-Methoxy-2-propanol acetate:**

Acute oral toxicity : LD50 (Rat, female): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

Acute inhalation toxicity : LC50 (Rat): > 100 ppm  
Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

**Skin corrosion/irritation****Product:**

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

**Components:****64742-95-6 Solvent naphtha, petroleum, light aromatic:**

Species: Rabbit  
Result: Moderate skin irritation

**108-65-6 1-Methoxy-2-propanol acetate:**

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

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

Species: Rabbit

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

Result: No eye irritation  
Assessment: No eye irritation

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:****64742-95-6 Solvent naphtha, petroleum, light aromatic:**

Species: Rabbit  
Result: Eye irritation

**108-65-6 1-Methoxy-2-propanol acetate:**

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

**Respiratory or skin sensitisation****Product:**

Remarks: No data available

**Components:****64742-95-6 Solvent naphtha, petroleum, light aromatic:**

Test Type: Maximisation Test  
Exposure routes: Dermal  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Does not cause skin sensitisation.

**108-65-6 1-Methoxy-2-propanol acetate:**

Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Not a skin sensitizer.  
GLP: yes

**Germ cell mutagenicity****Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

**Carcinogenicity****Product:**

Remarks: No data available

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

**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

**Components:****108-65-6 1-Methoxy-2-propanol acetate:**

Assessment: May cause drowsiness or dizziness.

**STOT - repeated exposure****Product:**

Remarks: No data available

**Repeated dose toxicity****Product:**

Remarks: No data available

**Aspiration toxicity****Product:**

No data available

**Components:****64742-95-6 Solvent naphtha, petroleum, light aromatic:**

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.

**Experience with human exposure****Product:**

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

Inhalation:	Symptoms:	High concentrations of vapors may be irritating to the respiratory tract. May cause headaches, dizziness, nausea and vomiting. May cause CNS depression (drowsiness, loss of coordination and fatigue).
Skin contact:	Symptoms:	Contact may cause irritation.
Eye contact:	Symptoms:	Contact may cause irritation.
Ingestion:	Symptoms:	Ingestion may irritate the digestive tract; high dosages may cause CNS depression.

**Further information****Product:**

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

**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

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

**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 : There is no data available for this product.  
No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

EPA Hazardous Waste Code(s) : D001: Ignitable  
D018: Benzene

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**

UN/ID No. : UN 1993  
Proper shipping name : Flammable liquid, n.o.s.  
(Solvent naphtha, 1-Methoxy-2-propanol acetate)  
Class : 3  
Packing group : III  
Labels : Flammable Liquids  
Packing instruction (cargo aircraft) : 366  
Packing instruction (passenger aircraft) : 355

**IMDG-Code**

UN number : UN 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

(SOLVENT NAPHTHA, 1-Methoxy-2-propanol acetate)

: )

Class : 3

Packing group : III

Labels : 3

EmS Code : F-E, S-E

Marine pollutant : yes

Remarks : IMDG Code segregation group - none

**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**

UN/ID/NA number : UN 1993

Proper shipping name : Flammable liquids, n.o.s.  
(Solvent naphtha, 1-Methoxy-2-propanol acetate)

Class : 3

Packing group : III

Labels : FLAMMABLE LIQUID

ERG Code : 128

Marine pollutant : no

Container sizes: 55 gallon drums, 5 or 6-gallon pails, 2oz/16oz samples

**SECTION 15. REGULATORY INFORMATION**
**EPCRA - Emergency Planning and Community Right-to-Know Act**
**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.

## BYK-057

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

**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) : 40 - 48 %  
 Method: 22 (10min/150°C)  
 DIN EN ISO 3251  
 Non-volatile information is not a specification.

### US State Regulations

#### Massachusetts Right To Know

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

#### Pennsylvania Right To Know

Solvent naphtha, petroleum, light aromatic	64742-95-6
Polymer	-
Butadiene resin	9003-17-2
1-Methoxy-2-propanol acetate	108-65-6
Antioxidant	-
Cumene	98-82-8
Toluene	108-88-3
Naphthalene	91-20-3
Ethyl benzene	100-41-4

#### New Jersey Right To Know

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : 800963-5035

#### California Prop. 65

 **WARNING:** This product can expose you to chemicals including Cumene, Naphthalene, Ethyl benzene, Benzene, which is/are known to the State of California to cause cancer, and Toluene, Benzene, 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](http://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

**BYK-057**

Version 10

Revision Date 10/16/2023

Print Date 01/06/2026

- 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 : 10/16/2023

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.