

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

**SECTION 1. IDENTIFICATION**

Product name : BYK A-GS-300C

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

Recommended use : oilfield

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

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

Flammable liquids : Category 4

Skin irritation : Category 2

Serious eye damage : Category 1

Carcinogenicity : Category 2

**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H227 Combustible liquid.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H351 Suspected of causing cancer.Precautionary statements : **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/ sparks/ open flames/ hot surfaces.  
No smoking.

## BYK A-GS-300C

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

P264 Wash skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

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.

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 : Polyglycol

**Hazardous components**

Component	CAS-No.	Concentration (%)
Benzenesulfonic acid, dodecyl-, compd. with 2-aminoethanol (1:1)	26836-07-7	>= 21 - < 22
Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-	9043-30-5	>= 15 - < 16
1-Hexanol, 2-ethyl-, manuf. of, by-products from, distn. residues	68609-68-7	>= 9 - < 10
Solvent naphtha (petroleum), heavy aromatic	64742-94-5	>= 2 - < 3
Naphthalene	91-20-3	>= 0.1 - < 1

### SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.  
 If inhaled : If unconscious, place in recovery position and seek medical

## BYK A-GS-300C

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

- In case of eye contact : advice.  
If symptoms persist, call a physician.  
: Remove contact lenses.  
Protect unharmed eye.
- 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

- Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).  
Sulphur oxides
- 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

- Methods and materials for containment and cleaning up : 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 (Form of exposure)	Control parameters / Permissible concentration	Basis
Solvent naphtha (petroleum), heavy aromatic	64742-94-5	TWA	200 mg/m <sup>3</sup> (total hydrocarbon vapor)	ACGIH
Naphthalene	91-20-3	TWA	10 ppm	ACGIH

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

Naphthalene		TWA	10 ppm 50 mg/m <sup>3</sup>	OSHA Z-1
Naphthalene		TWA	10 ppm 50 mg/m <sup>3</sup>	OSHA P0
Naphthalene		STEL	15 ppm 75 mg/m <sup>3</sup>	OSHA P0

Hazardous components without workplace control parameters

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: liquid
Colour	: yellow-orange
Odour	: mild
Odour Threshold	: No data available
pH	: 6.5 - 7.5
Vapour pressure	: No data available
Flash point	: 151 °F (66 °C) Method: closed cup
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	: 0.98 - 1.02 g/cm <sup>3</sup> (68 °F (20 °C))
Solubility(ies)	
Water solubility	: soluble
Solubility in other solvents	: No data available
Ignition temperature	: No data available

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

Thermal decomposition : No data available

## Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Surface tension : No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Stable

No decomposition if used as directed.

Chemical stability : Stable

No decomposition if stored normally.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.Conditions to avoid : Keep away from open flames, hot surfaces and sources of ignition.  
Heat, flames and sparks.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : No data available

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Acute toxicity****Product:**Acute oral toxicity : Acute toxicity estimate : 2,334 mg/kg  
Method: Calculation methodAcute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method**Components:****9043-30-5 Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-:**

Acute oral toxicity : LD50 (Rat): 200 - 2,000 mg/kg

Acute inhalation toxicity : LC50 : Remarks: No data available

Acute dermal toxicity : LD50 : Remarks: No data available

**64742-94-5 Solvent naphtha (petroleum), heavy aromatic:**

Acute oral toxicity : LD50 (Rat): &gt; 2,000 mg/kg

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

Acute inhalation toxicity : LC50 (Rat): > 100 mg/l

Acute dermal toxicity : LD50 (Rabbit): > 2,500 mg/kg

**91-20-3 Naphthalene:**  
Acute oral toxicity : LD50 (Mouse): 316 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 340 ppm  
Exposure time: 1.00 h

Acute dermal toxicity : LD50 (Rat): > 2,500 mg/kg

**Skin corrosion/irritation****Components:****9043-30-5 Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-:**

Species: Rabbit

Result: No skin irritation

**64742-94-5 Solvent naphtha (petroleum), heavy aromatic:**

Species: Rabbit

Result: Moderate skin irritation

**91-20-3 Naphthalene:**

Species: Rabbit

Method: Draize Test

Result: Severe skin irritation

**Serious eye damage/eye irritation****Components:****9043-30-5 Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-:**

Species: Rabbit

Result: Severe eye irritation

**64742-94-5 Solvent naphtha (petroleum), heavy aromatic:**

Species: Rabbit

Result: Eye irritation

**91-20-3 Naphthalene:**

Species: Rabbit

Result: Mild eye irritation

Method: Draize Test

**Respiratory or skin sensitisation****Components:****64742-94-5 Solvent naphtha (petroleum), heavy aromatic:**

Test Type: Maximisation Test

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

Exposure routes: Skin contact  
 Species: Guinea pig  
 Method: OECD Test Guideline 406  
 Result: Not a skin sensitizer.  
 GLP: No information available.

**Carcinogenicity**

<b>IARC</b>	Group 2B: Possibly carcinogenic to humans	
	Naphthalene	91-20-3
<b>OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.	
<b>NTP</b>	Reasonably anticipated to be a human carcinogen	
	Naphthalene	91-20-3

**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**

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 : No data available

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

information

**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**

UN/ID No. : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(Alkyl (C3-C5) benzenes)  
Class : 9  
Packing group : III  
Labels : Miscellaneous  
Packing instruction (cargo aircraft) : 964  
Packing instruction (passenger aircraft) : 964

**IMDG-Code**

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(Alkyl (C3-C5) benzenes)  
)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : yes

**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 : NA 1993  
Proper shipping name : Combustible liquid, n.o.s.  
(Alkyl (C3-C5) benzenes)  
Class : CBL  
Packing group : III  
Labels : Combustible liquid  
Marine pollutant : yes  
Remarks : Above applies only to containers over 119 gallons or 450

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters). If transporting by vessel or aircraft, unless other means of transportation is impracticable, then the product must be shipped as a flammable liquid.

**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.

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

**SARA 313** : This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Naphthalene	91-20-3	.1 %
-------------	---------	------

**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).

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

**Massachusetts Right To Know**

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

**Pennsylvania Right To Know**

Polymer	-
Benzenesulfonic acid, dodecyl-, compd. with 2-aminoethanol (1:1)	26836-07-7
Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-	9043-30-5
Phenolic resin	68123-18-2
Polyglycol	9082-00-2
1-Hexanol, 2-ethyl-, manuf. of, by-products from, distn. residues	68609-68-7
Solvent naphtha (petroleum), heavy aromatic	64742-94-5
Naphthalene	91-20-3

**New Jersey Right To Know**

Polymer	-
Benzenesulfonic acid, dodecyl-, compd. with 2-aminoethanol (1:1)	26836-07-7
Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-	9043-30-5
Phenolic resin	68123-18-2
Polyglycol	9082-00-2
Naphthalene	91-20-3

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : 800963-6020

**California Prop. 65**

 **WARNING:** This product can expose you to chemicals including Naphthalene, which is/are known to the State of California to cause cancer. 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	: On the inventory, or in compliance with the inventory
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**

**BYK A-GS-300C**

Version 1

Revision Date 09/09/2020

Print Date 01/06/2026

Revision Date : 09/09/2020

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.