

BYK-3155

Version 9

Revision Date 05/17/2026

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SECTION 1. IDENTIFICATION

Product name : BYK-3155

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 : 203-265-2086; CHEMTREC 1-800-424-9300 / +1
number 703-527-3887

Recommended use of the chemical and restrictions on use

Recommended use : Air Release 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 : Compound of polyoxyalkylene derivatives

Hazardous components

Component	CAS-No.	Concentration (%)
Oligomer of alkylene glycol	-	>= 80 - < 100
Polyoxyalkylenes	-	>= 5 - < 10

SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.
If inhaled : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
If unconscious, place in recovery position and seek medical advice.

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In case of skin contact	: If symptoms persist, call a physician. 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. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	: Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid. Never give anything by mouth to an unconscious person. 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	: Foam Carbon dioxide (CO2) Dry chemical Foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	: No information available.
Specific hazards during firefighting	: High volume water jet Cool closed containers exposed to fire with water spray. Will not explode on mechanical impact.
Hazardous combustion products	: Carbon oxides
Further information	: Keep away from heat and sources of ignition. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Eliminate all sources of ignition. Wear protective equipment: safety glasses, gloves and an appropriate respirator.
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- 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 : Stop leak. Dike and contain spill.
Pump into salvage tanks and/or absorb with suitable material.
Use sparkless shovels to remove material.
- 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 : Harmful in contact with skin.
Avoid contact with skin and eyes.
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Handle as an industrial chemical.
Keep container tightly closed.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Keep in a dry, cool and well-ventilated place.
Keep product and empty container away from heat and sources of ignition.
Take measures to prevent the build up of electrostatic charge.
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : Keep away from oxidizing agents.
Keep away from isocyanates.
- 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
Oligomer of alkylene glycol	-	TWA (Inhalable fraction and vapor)	10 mg/m ³	ACGIH
Polyoxyalkylenes	-	TWA (aerosol)	10 mg/m ³	US WEEL

Engineering measures : Use with local exhaust ventilation.

Personal protective equipment

Respiratory protection : If handling heated or misted product in a poorly ventilated

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	area, wear a properly fitted respirator (NIOSH) during exposure. No personal respiratory protective equipment normally required.
Hand protection	
Material	: Neoprene gloves
Eye protection	: Safety Glasses Goggles Safety glasses
Skin and body protection	: Choose body protection according to the amount and concentration of the dangerous substance at the work place. Protective suit
Hygiene measures	: Clean long legged, long sleeved work clothes. Handle in accordance with good industrial hygiene and safety practice. General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: liquid
Colour	: colourless
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)
Initial boiling point	: 545.00 °F (285.00 °C)
Vapour pressure	: < 1.0000000 hPa (68.00 °F (20.00 °C)) Method: calculated
Flash point	: > 302.00 °F (> 150.00 °C) Method: 49 (Pensky-Martens)
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Evaporation rate	: No data available
Relative vapour density	: No data available
Relative Density/Specific Gravity	: No data available
Density	: 1.1300 g/cm ³ (68.00 °F (20.00 °C))

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Method: 4 (20°C oscillating U-tube)

Bulk density	: Not applicable
Solubility(ies)	
Water solubility	: completely miscible
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, kinematic	: No data available
Surface tension	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard. No decomposition if stored and applied as directed.
Chemical stability	: Stable; polymerization will not occur No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No data available Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	: None known. No data available
Incompatible materials	: Strong oxidizing agents Isocyanates
Hazardous decomposition products	: None known.

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

Skin contact
Skin Absorption
Inhalation

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Eyes
Ingestion

Acute toxicity**Product:**

Acute oral toxicity : LD50 (Rat): 17,000.000000 mg/kg
Method: OECD Test Guideline 401
Remarks: active ingredient

Skin corrosion/irritation**Product:**

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
Remarks: active ingredient

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

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405
Remarks: active ingredient

Respiratory or skin sensitisation**Product:**

Remarks: No data available

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.

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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: Animal studies show oligomer of alkylene glycol has caused teratogenic effects at maternally toxic doses and fetotoxic effects at non-maternally toxic doses (5630 mg/kg day-mouse; reduced body weight).
Oligomer of alkylene glycol had both positive and negative results in in-vitro mutagenicity tests. Animal studies have also shown alkylene glycol has caused chronic kidney damage

Aspiration toxicity**Product:**

No data available

Experience with human exposure**Product:**

Inhalation:

Symptoms:

High concentrations of vapors resulting from the product being heated, misted or sprayed may cause irritation of the respiratory tract, mucous membranes, and CNS depression.

Skin contact:

Symptoms:

Contact may cause irritation and sensitization.

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Eye contact:

Symptoms:

Contact may cause irritation.

Ingestion:

Symptoms:

Ingestion may irritate the digestive tract.

Further information**Product:**

Remarks: If skin is abraded or damaged, contact with an ingredient may cause kidney effects.

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

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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

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)**

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

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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).

Massachusetts Right To Know

Formaldehyde	50-00-0
Acetaldehyde	75-07-0

Pennsylvania Right To Know

Oligomer of alkylene glycol	-
Polyoxyalkylenes	-
Formaldehyde	50-00-0
Acetaldehyde	75-07-0

New Jersey Right To Know

New Jersey Trade Secret Registry Number for the product (NJ TSN) : 800963-5004

California Prop. 65

 **WARNING:** This product can expose you to chemicals including Formaldehyde, Acetaldehyde, Ethylene oxide, which is/are known to the State of California to cause cancer, and Ethylene oxide, 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

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on the DSL.

SECTION 16. OTHER INFORMATION

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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.