

**BYK-5128**

Version 2

Revision Date 07/17/2015

Print Date 09/15/2016

**SECTION 1. IDENTIFICATION**

Product name : BYK-5128

**Manufacturer or supplier's details**

Company : BYK USA Inc.  
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 : [ehs.byk.usa@altana.com](mailto:ehs.byk.usa@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 : Anti-Static Agent

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

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

Serious eye damage : Category 1

**GHS Label element**

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements : **Prevention:**  
P280 Wear eye protection/ face protection.

**Response:**  
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 or doctor/ physician.

**Other hazards**

None known.

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

Chemical nature : Blend of Polyoxyalkylene Derivates

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**Hazardous components**

Component	CAS-No.	Concentration (%)
Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched	69011-36-5	>= 50 - < 51

**SECTION 4. FIRST AID MEASURES**

- If inhaled : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
- 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 30 minutes. Get medical aid.
- 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.
- Most important symptoms and effects, both acute and delayed : No information available.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : No information available.
- Specific hazards during firefighting : Will not explode on mechanical impact.  
Cool closed containers exposed to fire with water spray.
- Hazardous combustion products : Carbon oxides
- Further information : Keep away from heat and sources of ignition.  
Keep away from oxidizing agents.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- |   |   |   |
|---|---|---|
| Personal precautions,<br>protective equipment and<br>emergency procedures | : | Eliminate all sources of ignition. Ventilate area if indoors.<br>Wear self-contained breathing apparatus and full protective<br>clothing. |
| Environmental precautions   | : | Prevent spilled material from entering the ground, water<br>and/or air by using appropriate containment methods.                          |
| Methods and materials for<br>containment and cleaning up                  | : | Absorb with suitable material and remove with sparkless<br>shovel and/or scoop.   |

**SECTION 7. HANDLING AND STORAGE**

- |                             |   |   |
|-----------------------------|---|---|
| Advice on safe handling     | : | Harmful in contact with skin.<br>Avoid contact with skin and eyes.<br>Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.<br>Keep container closed when not in use.<br>Handle as an industrial chemical. |
| Conditions for safe storage | : | Keep in a dry, cool and well-ventilated place.  |
| Materials to avoid          | : | Keep away from strong acids.<br>Keep away from strong bases.<br>Keep away from oxidizing agents.  |

**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****Hand protection**

Material : Nitrile rubber

**Eye protection**: Goggles  
Safety glasses with side-shields**Skin and body protection**: Choose body protection according to the amount and  
concentration of the dangerous substance at the work place.**Hygiene measures**: Handle in accordance with good industrial hygiene and safety  
practice.  
Clean long legged, long sleeved work clothes.

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If splashing is possible, wear chemically resistant protective clothing.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: liquid
Colour	: yellow
Odour	: not significant
Odour Threshold	: No data available
pH	: No data available
Melting point/range	: < 32 °F (< 0 °C)
Initial boiling point	: > 392 °F (> 200 °C)
Flash point	: > 212 °F (> 100 °C) (1,013 hPa)
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: < 0.1 hPa
Relative vapour density	: No data available
Relative Density/Specific Gravity	: No data available
Density	: 0.95 g/cm <sup>3</sup> (68 °F (20 °C))
Bulk density	: Not applicable
Solubility(ies)	
Water solubility	: completely miscible
Solubility in other solvents	: No data available
Partition coefficient: n-	: No data available

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octanol/water

Auto-ignition temperature : > 392 °F (> 200 °C)  
Method: DIN 51794

Thermal decomposition : No data available

Viscosity  
Viscosity, dynamic : 100 mPa.s (68 °F (20 °C))

Viscosity, kinematic : ca. 105 mm<sup>2</sup>/s (68 °F (20 °C))

Surface tension : No data available

Sublimation point : No data available

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable; polymerization will not occur

Possibility of hazardous reactions : No data available

Conditions to avoid : No data available

Incompatible materials : Strong oxidizing agents  
Acids and bases

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 : Remarks: No data available

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

Remarks: No data available

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

Remarks: No data available

**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.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**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:

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.

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Skin contact:

Symptoms:

Contact may cause irritation.

Eye contact:

Symptoms:

Contact will probably cause severe irritation and corrosion.

Ingestion:

Symptoms:

Ingestion will probably cause irritation of the digestive tract.

### 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

:

Biodegradation: > 80 %

Remarks: Readily biodegradable, according to appropriate OECD test.

Biochemical Oxygen Demand (BOD)

:

804 mg/g

Remarks: Biochemical Oxygen Demand (BOD)

Chemical Oxygen Demand (COD)

:

2,392 mg/g

Remarks: Chemical Oxygen Demand (COD)

### Bioaccumulative potential

#### Product:

Bioaccumulation

:

Remarks: No data available

### Mobility in soil

No data available

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### Other adverse effects

#### Product:

Adsorbed organic bound halogens (AOX) : Remarks: Product does not contain any organic halogens.

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).

## 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.

## SECTION 14. TRANSPORT INFORMATION

### International Regulation

#### **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**

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.



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**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 302 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a SARA 302 RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**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 12 (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**

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

**Pennsylvania Right To Know**

Poly(oxy-1,2-ethanediyl), a-tridecyl-w-  
hydroxy-, branched 69011-36-5

**New Jersey Right To Know**

Poly(oxy-1,2-ethanediyl), a-tridecyl-w-  
hydroxy-, branched 69011-36-5

**New Jersey Trade Secret** : 800963-5504  
**Registry Number for the**  
**product (NJ TSRN)**

**California Prop 65**

WARNING! This product contains a chemical known to the State of California to cause cancer.

Ethylene oxide 75-21-8  
1,4-Dioxane 123-91-1

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ethylene oxide 75-21-8

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CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

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

TSCA : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements per 40 CFR 720 30(h).

Section 4 / 12(b) : Not applicable

DSL : We certify that all of the components of this product are listed 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.