

**BYK-A 530**

Version 5

Revision Date 05/17/2026

Print Date 07/02/2026

**SECTION 1. IDENTIFICATION**

Product name : BYK-A 530

**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

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**

Aspiration hazard : Category 1

**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H304 May be fatal if swallowed and enters airways.

Precautionary statements : **Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON  
CENTER/ doctor.  
P331 Do NOT induce vomiting.**Storage:**

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**

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Substance / Mixture : Mixture  
 Chemical nature : Solution of foam destroying polymers and polysiloxanes

**Hazardous components**

Component	CAS-No.	Concentration (%)
Distillates (petroleum), hydrotreated light	64742-47-8	>= 80 - < 100

The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

**SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.  
 Show this safety data sheet to the doctor in attendance.  
 Symptoms of poisoning may appear several hours later.  
 Do not leave the victim unattended.

If inhaled : 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 : Flush eyes with water as a precaution.  
 Remove contact lenses.  
 Protect unharmed eye.  
 Keep eye wide open while rinsing.  
 If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
 Do NOT induce vomiting.  
 Do not give milk or alcoholic beverages.  
 Never give anything by mouth to an unconscious person.  
 If symptoms persist, call a physician.  
 Take victim immediately to hospital.

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 : High volume water jet

Specific hazards during firefighting : Cool closed containers exposed to fire with water spray.  
 Will not explode on mechanical impact.

Hazardous combustion products : Carbon oxides  
 silicone compounds

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formaldehyde

- 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

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.
- 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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not breathe vapours/dust.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
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

Contains no substances with occupational exposure limit values.  
Hazardous components without workplace control parameters

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

#### Personal protective equipment

Respiratory protection : Unless air monitoring demonstrates dusts/mists/vapors are below the recommended exposure levels and/or WEEL, wear

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Hand protection	a properly fitted respirator (NIOSH) or dust mask during exposure.
Material	: Neoprene gloves
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
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**

Physical state	: liquid
Colour	: light yellow
Odour	: not significant
Odour Threshold	: No data available
pH	: 7, Concentration: 1 % (68 °F (20 °C)) Method: Universal pH-value indicator
Melting point/ range	: < 32 °F (< 0 °C) Method: derived
Initial boiling point	: 446.00 °F (230.00 °C) Method: derived
Vapour pressure	: < 1.0000000 hPa (68.00 °F (20.00 °C)) Method: derived
Flash point	: 203.00 °F (95.00 °C) Method: 49 (Pensky-Martens)
Upper explosion limit	: 8.00 %(V)
Lower explosion limit	: 0.60 %(V)
Evaporation rate	: No data available
Relative vapour density	: No data available
Relative Density/Specific Gravity	: No data available
Density	: 0.8100 g/cm <sup>3</sup> (68.00 °F (20.00 °C))

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Method: 4 (20°C oscillating U-tube)

## Solubility(ies)

Water solubility : immiscible

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data availableIgnition temperature : 428.00 °F (220.00 °C)  
Method: DIN 51794

Thermal decomposition : No data available

## Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 6.000 mm<sup>2</sup>/s (68.00 °F (20.00 °C))3.100 mm<sup>2</sup>/s (104.00 °F (40.00 °C))

Surface tension : &lt; 25.00 mN/m, ring dynamometer

**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 : No decomposition if stored and applied as directed.

Conditions to avoid : No data available

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**

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**Product:**

Acute oral toxicity : Remarks: No data available

Acute dermal toxicity : Acute toxicity estimate : 2,637 mg/kg  
Method: Calculation method**Components:****64742-47-8 Distillates (petroleum), hydrotreated light:**

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): &gt; 3,160 mg/kg

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

Remarks: No data available

**Components:****64742-47-8 Distillates (petroleum), hydrotreated light:**

Species: Rabbit

Result: slight irritation

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

Remarks: No data available

**Components:****64742-47-8 Distillates (petroleum), hydrotreated light:**

Species: Rabbit

Result: Mild eye irritation

**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**

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**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.

**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: No known chronic health effects.  
Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.  
Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

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

No data available

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

Inhalation:

Symptoms: High concentrations (>700 ppm) of vapors/mists may be irritating to the

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respiratory tract. May cause headaches, dizziness, nausea, vomiting; CNS depression (drowsiness, loss of coordination, 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: 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

**Other adverse effects**

No data available

**Product:**

Regulation

40 CFR Protection of Environment; Part 82 Protection of



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Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 - Emergency Release Notification**

Calculated RQ exceeds reasonably attainable upper limit.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

Calculated RQ exceeds reasonably attainable upper limit.

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

Non-volatile (Wt) : 4.5 - 5.5 %  
Method: 23 (20min/150°C)  
DIN EN ISO 3251  
Non-volatile information is not a specification.

**Massachusetts Right To Know**

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

**Pennsylvania Right To Know**

Distillates (petroleum), hydrotreated light 64742-47-8

**New Jersey Right To Know**

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**New Jersey Trade Secret  
Registry Number for the  
product (NJ TSRN)** : 800963-5063

**California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**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**

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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.