

## CERAFLOUR 988

Version 4

Revision Date 11/18/2024

Print Date 04/30/2026

### SECTION 1. IDENTIFICATION

Product name : CERAFLOUR 988

#### 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 : Wax Additive

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

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Combustible dust :

#### GHS label elements

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.

#### Other hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Blend of micronized Fischer-Tropsch wax and amide wax

#### Hazardous components

| Component | CAS-No.   | Concentration (%) |
|-----------|-----------|-------------------|
| Wax       | 8002-74-2 | >= 60 - < 80      |
| Wax       | -         | >= 30 - < 60      |

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

### SECTION 4. FIRST AID MEASURES

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|   |   |
|---|---|
| General advice  | : Do not leave the victim unattended.   |
| If inhaled  | : If unconscious, place in recovery position and seek medical advice.<br>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.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed  | : Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>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<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical  |
| Unsuitable extinguishing media                | : High volume water jet  |
| Specific hazards during firefighting          | : Cool closed containers exposed to fire with water spray.<br>Will not explode on mechanical impact.<br>Keep dust to a minimum to avoid potential formation of explosive air/dust mixture. |
| Hazardous combustion products                 | : Carbon oxides<br>Nitrogen oxides (NO <sub>x</sub> )  |
| Further information                           | : Standard procedure for chemical fires.<br>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 | : Avoid dust formation.                                 |
| Environmental precautions   | : Prevent further leakage or spillage if safe to do so. |
| Methods and materials for containment and cleaning up               | : Keep in suitable, closed containers for disposal.     |

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### 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.  
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.  
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<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis   |
|------------|-----------|----------------------------------|---|---------|
| Wax        | 8002-74-2 | TWA<br>(Fumes)                   | 2 mg/m <sup>3</sup>                               | ACGIH   |
| Wax        |           | TWA<br>(Fumes)                   | 2 mg/m <sup>3</sup>                               | OSHA P0 |
| Wax        | -         | TWA<br>(Inhalable fraction)      | 10 mg/m <sup>3</sup>                              | ACGIH   |
| Wax        |           | TWA<br>(Respirable fraction)     | 3 mg/m <sup>3</sup>                               | ACGIH   |

#### Further occupational exposure limits

| Description            | Value type | Control parameters   | Basis    |
|------------------------|------------|--|----------|
| inert or nuisance dust | TWA        | 50 Million particles per cubic foot<br>total dust          | OSHA Z-3 |
|                        | TWA        | 15 mg/m <sup>3</sup><br>total dust                         | OSHA Z-3 |
|                        | TWA        | 5 mg/m <sup>3</sup><br>respirable fraction                 | OSHA Z-3 |
|                        | TWA        | 15 Million particles per cubic foot<br>respirable fraction | OSHA Z-3 |

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

#### Personal protective equipment

Respiratory protection : Unless air monitoring demonstrates vapor/mist/dust levels

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|                          |  |
|--------------------------|--|
|                          | are below the PEL/TLV wear a properly fitted respirator (NIOSH approved) or dust mask during exposure.   |
| Hand protection          |  |
| Material                 | : Nitrile rubber   |
| 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<br>Tightly fitting safety goggles  |
| Skin and body protection | : Dust impervious protective suit<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.                              |
| Hygiene measures         | : Clean long legged, long sleeved work clothes.<br>Handle in accordance with good industrial hygiene and safety practice.<br>Wash hands before breaks and at the end of workday. |

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| Appearance                              | : micropowder                                      |
| Colour                                  | : white  |
| Odour                                   | : not significant                                  |
| Odour Threshold                         | : No data available                                |
| pH                                      | : No data available                                |
| Melting point/freezing point            | : 284 °F (140 °C)<br>(1,013 hPa)                   |
| Initial boiling point and boiling range | : No data available                                |
| Vapour pressure                         | : No data available                                |
| Flash point                             | : 536 °F (280 °C)<br>Method: Estimated value       |
| Upper explosion limit                   | : No data available                                |
| Lower explosion limit                   | : No data available                                |
| Evaporation rate                        | : No data available                                |
| Flammability (solid, gas)               | : May form combustible dust concentrations in air. |
| Dust explosion class                    | : St2  |
| Relative vapour density                 | : No data available                                |
| Relative Density/Specific Gravity       | : No data available                                |

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Density : 0.97 g/cm<sup>3</sup> (68 °F (20 °C))Solubility(ies)  
Water solubility : immiscible

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data available

Ignition temperature : No data available

Thermal decomposition : No data available

Viscosity  
Viscosity, dynamic : No data available**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.

Dust may form explosive mixture in air.

Conditions to avoid : No data available

Incompatible materials : Strong oxidizing agents

Hazardous decomposition  
products : No data available**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation

Eyes

Skin contact

**Acute toxicity****Product:**Acute oral toxicity : Acute toxicity estimate : 3,968 mg/kg  
Method: Calculation method**Components:****8002-74-2 Wax:**

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

**- Wax:**

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Acute oral toxicity : LD50 (Rat): &gt; 15,380 mg/kg

Acute inhalation toxicity : LC50 (Rat): &gt; 58 mg/l

Acute dermal toxicity : LD50 (Rabbit): &gt; 20,000 mg/kg

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

Remarks: No data available

**Components:****- Wax:**

Species: Rabbit

Result: No skin irritation

**Serious eye damage/eye irritation****Components:****- Wax:**

Species: Rabbit

Result: Eye irritation

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

Remarks: No data available

**Components:****- Wax:**

Test Type: Mouse Local Lymph Node assay (LLNA)

Species: Mouse

Method: OECD Test Guideline 429

Result: Does not cause skin sensitisation.

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

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**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.

**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 to the respiratory tract.

Skin contact:

Symptoms:

Contact may cause irritation.

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Eye contact:

Symptoms:

Contact may cause irritation.

Ingestion:

Symptoms:

Ingestion may irritate 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

:

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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**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.  
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.

**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

**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

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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).

### Massachusetts Right To Know

Wax 8002-74-2

### Pennsylvania Right To Know

Wax 8002-74-2

Wax -

### New Jersey Right To Know

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : 800963-5932

### 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.

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**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.