

**HORDAMER PE 03**

Version 4

Revision Date 05/06/2015

Print Date 05/13/2015

**SECTION 1. IDENTIFICATION**

Product name : HORDAMER PE 03

**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 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**

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**

Substance / Mixture : Mixture

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Chemical nature : Non-ionic/ anionic primary polyethylene dispersion

### Hazardous components

Component	CAS-No.	Concentration (%)
Coconut oil alcohol, ethoxylated	61791-13-7	>= 4 - < 5
Sulfonic acids, C10-18-alkane, sodium salts	68037-49-0	>= 1 - < 2

### 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.  
Water solution - will not support combustion.
- Hazardous combustion products : Carbon oxides  
Sulphur oxides  
Nitrogen oxides (NO<sub>x</sub>)
- Further information : Keep away from oxidizing agents.

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Special protective equipment : In the event of fire, wear self-contained breathing apparatus for firefighters

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate respirator if in a confined area.

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. Absorb with suitable material and remove with sparkless shovel and/or scoop.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid contact with skin and eyes. Keep container closed when not in use. Handle as an industrial chemical.

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.

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.

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

**Personal protective equipment**

Respiratory protection : Not necessary.

Hand protection  
Material : Neoprene gloves

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.

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Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Clean long legged, long sleeved work clothes.  
If splashing is possible, wear chemically resistant protective clothing.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : dispersion

Colour : white

Odour : aromatic

Odour Threshold : No data available

pH : 9, (68 °F (20 °C))

Melting point/freezing point : 32 °F (0 °C)

Initial boiling point and boiling range : 212 °F (100 °C)  
(1,013 hPa)

Flash point : Not applicable

Evaporation rate : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : 23.3314144 hPa (77 °F (25 °C))  
Method: calculated

Relative vapour density : No data available

Relative Density/Specific Gravity : 1.0

Density : 0.98 g/cm<sup>3</sup> (68 °F (20 °C))

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 : No data available

Thermal decomposition : No data available

Viscosity

Viscosity, dynamic : &lt; 250 mPa.s (68 °F (20 °C))

**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

Hazardous decomposition products : No data available

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

Inhalation

Ingestion

Eyes

Skin contact

**Acute toxicity****Product:**Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes**Skin corrosion/irritation****Product:**

Remarks: No data available

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

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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: None expected.

Skin contact:

Symptoms: Contact will probably cause irritation.

Eye contact:

Symptoms: Contact will probably cause severe irritation and corrosion.

Ingestion:

Symptoms: Ingestion will probably cause irritation of the digestive tract.

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Product:**

Toxicity to daphnia and other aquatic invertebrates : 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**

**Product:**

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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 : There is no data available for this product.

**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.

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**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

**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

Calculated RQ exceeds reasonably attainable upper limit.

**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).



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Non-volatile (Wt) : 40 %  
 Method: 60min/125°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**

Water	7732-18-5
Polyethylene wax	-
Coconut oil alcohol, ethoxylated	61791-13-7

**New Jersey Right To Know**

Water	7732-18-5
Polyethylene wax	-
Coconut oil alcohol, ethoxylated	61791-13-7
Sulfonic acids, C10-18-alkane, sodium salts	68037-49-0

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : Not applicable

**California Prop 65**

	WARNING! This product contains a chemical known to the State of California to cause cancer.
Ethylene oxide	75-21-8
	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

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.