

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : PRE-PRIME  
 Product code : BS057 (GREEN)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Crown Paint Company  
 1801 W. Sheridan  
 Oklahoma City, 73106 - United States  
 T 1-405-232-8580

#### 1.4. Emergency telephone number

Emergency number : In the event of an emergency involving dangerous goods:  
 in Canada call CANUTEC at 613-996-6666 or \*666 on a cellular phone.  
 in the US call CHEMTREC at 800-424-9300 (Account Name for US is Polyglass Coatings)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Skin Corr. 1B H314 - Causes severe skin burns and eye damage

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H314 - Causes severe skin burns and eye damage

Precautionary statements (GHS-US) :

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 - Wash thoroughly after handling  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting  
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P310 - Immediately call a poison center or doctor  
 P321 - Specific treatment (see 4.1. First aid procedures on this label)  
 P363 - Wash contaminated clothing before reuse.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name                           | Product identifier  | %       | GHS-US classification   |
|--------------------------------|---------------------|---------|---|
| PHOSPHORIC ACID 75% TECH GRADE | (CAS-No.) 7664-38-2 | 40 - 50 | Skin Corr. 1B, H314   |
| Butyl Cellosolve (EB)          | (CAS-No.) 111-76-2  | 5 - 10  | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:dust,mist),<br>H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319 |

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- First-aid measures after skin contact : Remove/Take off all contaminated clothing immediately. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : Causes severe skin burns and eye damage.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

- Reactivity : Corrosive vapors.

### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/fume/gas/mist/vapors/spray.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Incompatible products : Strong bases. strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Butyl Cellosolve (EB) (111-76-2) |                                     |   |
|----------------------------------|-------------------------------------|---|
| ACGIH                            | ACGIH TWA (ppm)                     | 20 ppm (2-Butoxyethanol (EGBE); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
| ACGIH                            | Remark (ACGIH)                      | Eye & URT irr   |
| OSHA                             | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 240 mg/m <sup>3</sup>   |
| OSHA                             | OSHA PEL (TWA) (ppm)                | 50 ppm  |

#### 8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or face shield.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Wear approved mask.
- Other information : When using, do not eat, drink or smoke.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid  
: No data available  
: No data available
- Odor threshold : No data available
- pH : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : > 100 °C  
> 212 °F
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Explosive properties : No data available
- Oxidizing properties : No data available
- Vapor pressure : No data available
- Relative density : No data available
- Relative vapor density at 20 °C : No data available
- Specific gravity / density : 1.1856 g/cm<sup>3</sup>

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|                           |                     |
|---------------------------|---------------------|
| Solubility                | : No data available |
| Log Pow                   | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity                 | : No data available |
| Viscosity, kinematic      | : No data available |
| Viscosity, dynamic        | : No data available |

### 9.2. Other information

|                           |            |
|---------------------------|------------|
| Percent Solids (Weight)   | : 0 %      |
| Percent Solids (Volume)   | : 0.001 %  |
| Percent Volatile (Weight) | : 99.998 % |
| Percent Volatile (Volume) | : 99.999 % |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Corrosive vapors.

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapors.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Butyl Cellosolve (EB) (111-76-2) |   |
|----------------------------------|---|
| LD50 oral rat                    | 1746 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value) |
| LD50 dermal rat                  | > 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity) |
| LC50 inhalation rat (mg/l)       | 2.2 mg/l/4h (Rat; Experimental value)   |
| LC50 inhalation rat (ppm)        | 450 ppm/4h (Rat; Experimental value)  |
| ATE US (oral)                    | 1746 mg/kg body weight  |
| ATE US (dermal)                  | 1100 mg/kg body weight  |
| ATE US (gases)                   | 450 ppmV/4h   |
| ATE US (vapors)                  | 2.2 mg/l/4h   |
| ATE US (dust, mist)              | 2.2 mg/l/4h   |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes severe skin burns and eye damage. |
| Serious eye damage/irritation     | : Eye damage, category 1, implicit         |
| Respiratory or skin sensitization | : Not classified                           |
| Germ cell mutagenicity            | : Not classified                           |
| Carcinogenicity                   | : Not classified                           |

| Butyl Cellosolve (EB) (111-76-2) |                      |
|----------------------------------|----------------------|
| IARC group                       | 3 - Not Classifiable |

|  |                  |
|--|------------------|
| Reproductive toxicity                            | : Not classified |
| Specific target organ toxicity – single exposure | : Not classified |

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|   |   |
|---|---|
| Specific target organ toxicity – repeated exposure  | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

### SECTION 12: Ecological information

#### 12.1. Toxicity

| Butyl Cellosolve (EB) (111-76-2) |  |
|----------------------------------|--|
| LC50 fish 1                      | 1474 ppm (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss; Static system; Fresh water; Experimental value)                |
| EC50 Daphnia 1                   | 1550 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)         |
| Threshold limit algae 1          | 911 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value) |
| Threshold limit algae 2          | 88 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)  |

#### 12.2. Persistence and degradability

| PRE-PRIME                        |  |
|----------------------------------|--|
| Persistence and degradability    | Not established.   |
| Butyl Cellosolve (EB) (111-76-2) |  |
| Persistence and degradability    | Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air. |

#### 12.3. Bioaccumulative potential

| PRE-PRIME                        |  |
|----------------------------------|--|
| Bioaccumulative potential        | Not established.                                 |
| Butyl Cellosolve (EB) (111-76-2) |  |
| Log Pow                          | 0.81 (Test data; 20 °C)                          |
| Bioaccumulative potential        | Low potential for bioaccumulation (Log Kow < 4). |

#### 12.4. Mobility in soil

| Butyl Cellosolve (EB) (111-76-2) |                                     |
|----------------------------------|-------------------------------------|
| Surface tension                  | 0.065 N/m (20 °C; Calculated value) |

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with all local, regional, national and international regulations. |
| Ecology - waste materials                  | : Avoid release to the environment.   |

### SECTION 14: Transport information

#### Department of Transportation (DOT)

|                                |   |
|--------------------------------|---|
| In accordance with DOT         |   |
| Transport document description | : UN1805 Phosphoric acid solution, 8, III         |
| UN-No.(DOT)                    | : UN1805  |
| Proper Shipping Name (DOT)     | : Phosphoric acid solution                        |
| Class (DOT)                    | : 8 - Class 8 - Corrosive material 49 CFR 173.136 |

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Hazard labels (DOT) : 8 - Corrosive



Packing group (DOT) : III - Minor Danger  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203  
DOT Packaging Bulk (49 CFR 173.xxx) : 241  
DOT Special Provisions (49 CFR 172.102) : A7 - Steel packaging must be corrosion-resistant or have protection against corrosion.  
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).  
N34 - Aluminum construction materials are not authorized for any part of a packaging which is normally in contact with the hazardous material.  
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)  
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / 1 + a (tr - tf)$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L  
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
Emergency Response Guide (ERG) Number : 154  
Other information : No supplementary information available.

### Transportation of Dangerous Goods

Transport document description : UN1805 PHOSPHORIC ACID, SOLUTION, 8, III  
UN-No. (TDG) : UN1805  
Proper Shipping Name (Transportation of Dangerous Goods) : PHOSPHORIC ACID, SOLUTION  
TDG Primary Hazard Classes : 8 - Class 8 - Corrosives  
Packing group : III - Minor Danger  
Explosive Limit and Limited Quantity Index : 5 L  
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 5 L

### Transport by sea

UN-No. (IMDG) : 1805  
Proper Shipping Name (IMDG) : PHOSPHORIC ACID SOLUTION  
Class (IMDG) : 8 - Corrosive substances  
Packing group (IMDG) : III - substances presenting low danger

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

|                                |                   |          |
|--------------------------------|-------------------|----------|
| PHOSPHORIC ACID 75% TECH GRADE | CAS-No. 7664-38-2 | 40 - 50% |
| nickel                         | CAS-No. 7440-02-0 | < 0%     |

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### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

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Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

##### PHOSPHORIC ACID 75% TECH GRADE (7664-38-2)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

#### Butyl Cellosolve (EB) (111-76-2)

U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Revision date : 06/10/2019

Other information : None.

Full text of H-phrases:

|      |   |
|------|---|
| H227 | Combustible liquid                      |
| H302 | Harmful if swallowed                    |
| H312 | Harmful in contact with skin            |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation                  |
| H319 | Causes serious eye irritation           |
| H332 | Harmful if inhaled                      |

SDS US Endura

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