

# Safety Data Sheet

Version No. 01/EN  
 Revision NA  
 Printing date 10 July. 2018

(according to Regulation EC 1907/2006)

## 1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Trade name P. BLUE 280  
 Registration no. Not available.

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

Identified uses COLORING

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

Company SEO JIN CORP.  
 177 SORAJI-RO, PAJOO-SI, KYUNGGI-DO  
 Telephone +82-2-819-8910

### 1.4 Emergency telephone number +82-2-819-8910

## 2. HAZARDS IDENTIFICATION

### 2.1 Hazard Classification

- Specific target organ systemic toxicity (Single exposure) : Category 3
- Specific target organ systemic toxicity (Repeated exposure): Category 2

### 2.2 Warning mark items including the precautionary statement

- Hazard pictograms



- Signal word: Warning

- Hazard statement

H335 May cause respiratory irritation  
 H373 May cause an allergic skin reaction in prolonged or repeated exposure  
 H332 Harmful if inhaled.  
 H319 Causes serious eye irritation.

- Precautionary statements

P271 Only handle outdoors or in a well-ventilated area.  
 P264 Wash hands thoroughly after handling.  
 P262 Avoid contact with eyes, skin and clothing.  
 P284 Wear respiratory protection.  
 P232 Avoid moisture.

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- Response: P304 + P340 If inhaled, move to fresh air. Get comfortable with a breathing posture.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. If possible, remove the soft lens. Continue to wash.  
 P312 If you feel unwell, seek medical advice / attention.  
 P314 If you feel uncomfortable, seek medical advice.
- Save: P405 Save and store.
- Disposal: Dispose of contents / container in accordance with local / regional / national / international regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Mixture

Components	CAS No.	%	Classification
C.I Pigment Blue 15	147-14-8	44-48	
Surfactant Active Agent	9002-93-1	21-25	
Water	7732-18-5	30-34	

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

- In case of eye contact Immediately wash with water and follow doctor's prescription.
- When in contact with skin Remove contaminated clothing and wash immediately with soap and water.
- In case of inhalation In case of inhalation of unclean air, consult a physician.
- When you eat Drink a lot of water. Get medical attention.

## 5. EXPLOSION, FIRE FIGHTING MEASURES

- 5.1 Flashing point No data
- 5.2 Natural ignition point No data
- 5.3 Lowest / highest flammability limit No data
- 5.4 Classification and regulation by Fire Service Act
  - Extinguishing media: water, powder, CO<sub>2</sub>, halon
  - Extinguishing methods and equipment: Remove containers from fire area.  
Use suitable fire extinguishing agent according to surrounding fire type.
  - Harmful combustion products: None

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## 6. ACCIDENTAL RELEASE MEASURES

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

- Do not get in skin, eyes or clothes.
- Do not eat or inhale.

### 6.2 Environmental precautions

- Do not spill water on the floor or contaminate the product.
- Do not release it immediately.

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

- Collect as much as possible in case of leakage and dispose according to disposal method.
- To prevent dust from collecting

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

- Be careful not to generate dust when handling and be careful about contamination at workplace
- Handle with personal protective equipment (gloves, mask, safety glasses) on

### 7.2 Conditions for safe storage

- Keep away from food.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Engineering management method -

### 8.2 Respiratory Protection -

### 8.3 Eye protection - Wear safety glasses

### 8.4 Hand protection - Wear protective gloves

### 8.5 Body protection - Wear protective clothes

### 8.6 Hygiene precautions - Do not allow food and smoking around the handling area.

### 8.7 Allowable concentration - No data

## 9. PHYSICAL & CHEMICAL PROPERTIES

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Properties	Product
Appearance	Blue liquid
Odor	None
PH	6~8
Solubility	No data
Melting point	No data
Explosiveness	No data
Oxidation	None
Vapor pressure	Not applicable
Specific Gravity	1.10~1.30 (25 °C)
Distribution Coefficient	No Data
Vapor Density	Not applicable.

## 10. STABILITY AND REACTIVITY

<b>10.1 Chemical Stability</b>	Stable at normal temperature and pressure
<b>10.2 Conditions to avoid</b>	Burnable but not easily burned,
<b>10.3 Substances to avoid</b>	No data
<b>10.4 Hazardous decomposition products</b>	Thermal decomposition products could include toxic oxides and nitrogen compounds.
<b>10.5 Possibility of hazardous polymerization</b>	No hazardous polymerization reaction has been reported at normal temperature and pressure

## 11. TOXICOLOGICAL INFORMATION

1) Effect on eyes	- Experimental rabbit showed no acute irritation
2) Effect on skin	- Experimental rabbit results in no acute irritation
3) Acute oral effects	- LD 50> 10,000 mg / kg (rat)
4) Acute inhalation effects	
5) Subacute effects	- No data
6) Chronic effects	- No data
7) Mutagenic effects	- No data
8) Next generation effects (reproductive toxicity)	- No data
9) Uniqueness	

## 12. ENVIRONMENTAL IMPACT

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- |  |  |
|--|--|
| 1) Environmental substances            | - Ground pollutants Yes<br>Water pollutants Yes<br>Soil pollutants Yes |
| 2) Aquatic and Eco-toxicity            | - No data  |
| 3) Soil toxic                          | - No data  |
| 4) Persistence and degradability       | - No data  |
| 5) Possibility of accumulation in vivo | - No data  |

## 13. DISPOSAL CONSIDERATIONS

### 1) Regulation under Waste Management

#### Law

- |                                  |                          |
|----------------------------------|--------------------------|
| 2) Disposal method               | incineration or landfill |
| 3) Aquatic and eco-toxicological | No data                  |

## 14. TRANSPORT INFORMATION

- |   |               |
|---|---------------|
| 1) Classification and Regulation by Dangerous Goods Transport and Storage Regulations | No data       |
| 2) Classification and regulation by ICAO / IATA, ADR, RID                             | No regulation |
| 3) Precautions for transportation   | None          |

## 15. REGULATORY INFORMATION

- |  |                             |
|--|-----------------------------|
| 1) Industrial Safety and Health Act          | - No regulatory information |
| 2) Hazardous Chemical Substances Control Act | - No regulatory information |
| 3) Other regulations                         |                             |

## 16. OTHER NOTES

- |  |  |
|--|--|
| 1) Source of data                              | - The material safety data sheet (MSDS) was partially edited with the data provided from the Korea Industrial Safety and Health Agency |
| 2) First created                               | - 2015.7.2   |
| 3) Number of revisions and final revision date | - Revision count 0 times   |

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