



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.23.2019

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### JBS Clear Coat Sealer

#### SECTION 1: Identification

##### Product identifier

**Product name:** JBS Clear Coat Sealer

**Product code:** WX-225

##### Recommended use of the product and restriction on use

**Relevant identified uses:** Drying Agent for Automatic Car Wash

**Uses advised against:** NA

**Reasons why uses advised against:** Not determined or not applicable.

##### Manufacturer or supplier details

**Manufacturer:**

**United States**

JBS Industries

2550 Henkle Drive

Lebanon, Ohio 45036

513-228-2800

SBAETEN@JBSINDUSTRIES.COM

##### Emergency telephone number:

**North America**

CHEMTREC

800-424-9300 (24 hours)

#### SECTION 2: Hazard(s) identification

##### GHS classification:

Skin irritation, category 2

Serious eye damage, category 1

##### Label elements

##### Hazard pictograms:



**Signal word:** Danger

##### Hazard statements:

H315 Causes skin irritation

H318 Causes serious eye damage

##### Precautionary statements:

P264 Wash contaminated area thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 IF ON SKIN: Wash with plenty of water.

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P332+P313 If skin irritation occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash it before reuse

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/doctor if difficulty in breathing occurs.

P501 It is the responsibility of the waste generator to characterize all waste materials according to applicable regulatory entities.

**Hazards not otherwise classified:** None

### SECTION 3: Composition/information on ingredients

| Identification            | Name   | Weight % |
|---------------------------|--|----------|
| CAS number:<br>64741-44-2 | Distillates (petroleum), straight-run middle                   | <25      |
| CAS number:<br>67-63-0    | Propan-2-ol  | <15      |
| CAS number:<br>61789-77-3 | Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | <45      |
| CAS number:<br>111-76-2   | 2-Butoxyethanol  | <25      |

**Additional Information:** None

### SECTION 4: First aid measures

#### Description of first aid measures

##### General notes:

Show this Safety Data Sheet to the doctor in attendance

##### After inhalation:

If inhaled, move to fresh air. Get medical attention if symptoms persist

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention

##### After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention

##### After eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

Immediately rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. Seek immediate medical attention,

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preferably from an ophthalmologist

### After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

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

#### Acute symptoms and effects:

Symptoms may include redness, pain, burning and inflammation

Symptoms may include irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision

#### Delayed symptoms and effects:

Effects are dependent on exposure (dose, concentration, contact time)

Effects are dependent on exposure (dose, concentration, contact time)

### Immediate medical attention and special treatment

#### Specific treatment:

Not determined or not applicable.

#### Notes for the doctor:

Treat symptomatically

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media:

Alcohol- resistant foam, Dry chemical or Carbon dioxide

#### Unsuitable extinguishing media:

None known

### Specific hazards during fire-fighting:

Evacuate all personnel to a predetermined safe location, no less than 2,500 feet in all directions. Can explode or detonate under fire conditions. Burning material may produce toxic vapors

### Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA)

### Special precautions:

Avoid inhaling gases, fumes, mist, dust, vapor or aerosols. Avoid contact with eyes, skin, hair or clothing

## SECTION 6: Accidental release measures

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

Respiratory protection may be necessary for spills greater than 5 gallons. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8

### Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

Avoid release to the environment. Prevent soil and water pollution. Prevent spreading in sewers. Notify

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authorities if product enters sewers or public waters

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

Carefully sweep material into a designated PLASTIC waste container. Collect in plastic containers only

### Reference to other sections:

For disposal see section 13

For personal protection see section 8

## SECTION 7: Handling and storage

### Precautions for safe handling:

Wear gloves and eye protection when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

### Conditions for safe storage, including any incompatibilities:

Store in cool and dry location and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use. Keep away from food and beverages. Protect from freezing and physical damage.

## SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

### Occupational Exposure limit values:

| Country (Legal Basis) | Substance       | Identifier | Permissible concentration                          |
|-----------------------|-----------------|------------|--|
| ACGIH                 | Propan-2-ol     | 67-63-0    | STEL: 400 ppm                                      |
|                       | Propan-2-ol     | 67-63-0    | TWA: 200 ppm                                       |
|                       | 2-Butoxyethanol | 111-76-2   | TWA: 20 ppm  |
| NIOSH                 | Propan-2-ol     | 67-63-0    | IDLH: 2000 ppm                                     |
|                       | Propan-2-ol     | 67-63-0    | STEL: 500 ppm (1,225 mg/m <sup>3</sup> )           |
|                       | Propan-2-ol     | 67-63-0    | TWA: 400 ppm ( 980 mg/m <sup>3</sup> )             |
|                       | 2-Butoxyethanol | 111-76-2   | IDLH: 700 ppm                                      |
|                       | 2-Butoxyethanol | 111-76-2   | TWA: 5 ppm   |
| OSHA                  | Propan-2-ol     | 67-63-0    | PEL: 400 ppm (OSHA PEL TWA 980 mg/m <sup>3</sup> ) |
|                       | 2-Butoxyethanol | 111-76-2   | TWA: 50 ppm  |
|                       | 2-Butoxyethanol | 111-76-2   | TWA: 240 mg/m <sup>3</sup>                         |

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Information on monitoring procedures:

Not determined or not applicable.

### Appropriate engineering controls:

Effective ventilation in all processing areas.

### Personal protection equipment

#### Eye and face protection:

Safety goggles

#### Skin and body protection:

Impervious clothing, chemical resistant gloves

#### Respiratory protection:

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In case of insufficient ventilation, wear suitable respiratory protection

### General hygienic measures:

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday. Appropriate techniques should be applied to remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|  |                                  |
|--|----------------------------------|
| <b>Appearance</b>                              | Liquid                           |
| <b>Odor</b>                                    | Std.                             |
| <b>Odor threshold</b>                          | Not determined or not available. |
| <b>pH</b>                                      | 6-8                              |
| <b>Melting point/freezing point</b>            | Not determined or not available. |
| <b>Initial boiling point/range</b>             | Not determined or not available. |
| <b>Flash point (closed cup)</b>                | Not determined or not available. |
| <b>Evaporation rate</b>                        | Not determined or not available. |
| <b>Flammability (solid, gas)</b>               | Not determined or not available. |
| <b>Upper flammability/explosive limit</b>      | Not determined or not available. |
| <b>Lower flammability/explosive limit</b>      | Not determined or not available. |
| <b>Vapor pressure</b>                          | Not determined or not available. |
| <b>Vapor density</b>                           | Not determined or not available. |
| <b>Density</b>                                 | Not determined or not available. |
| <b>Relative density</b>                        | Not determined or not available. |
| <b>Solubilities</b>                            | Not determined or not available. |
| <b>Partition coefficient (n-octanol/water)</b> | Not determined or not available. |
| <b>Auto/Self-ignition temperature</b>          | Not determined or not available. |
| <b>Decomposition temperature</b>               | Not determined or not available. |
| <b>Dynamic viscosity</b>                       | Not determined or not available. |
| <b>Kinematic viscosity</b>                     | Not determined or not available. |
| <b>Explosive properties</b>                    | Not determined or not available. |
| <b>Oxidizing properties</b>                    | Not determined or not available. |

### Other information

## SECTION 10: Stability and reactivity

### Reactivity:

Does not react under normal conditions of use and storage.

### Chemical stability:

Stable under normal storage and handling conditions.

### Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

### Conditions to avoid:

Incompatible materials.

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### Incompatible materials:

Strong oxidizing agents.

### Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

| Name   | Route      | Result                         |
|--|------------|--------------------------------|
| Distillates (petroleum), straight-run middle | inhalation | LC50 Rat: >2.53 mg/L (4 Hours) |
| Propan-2-ol                                  | oral       | LD50 Rabbit: 6410 mg/kg        |
|  | dermal     | LD50 Rabbit: 12,800 mg/kg      |
|  | inhalation | LD50 Rabbit: 72.6 mg/L (4 H)   |
| 2-Butoxyethanol                              | oral       | LD50 Rat: 470 mg/kg            |
|  | dermal     | LD50 Rabbit: 220 mg/kg         |
|  | inhalation | LC50 Rat: 450 ppmV (4H)        |

### Skin corrosion/irritation

#### Assessment:

Causes skin irritation.

#### Product data:

No data available.

#### Substance data:

| Name   | Result                                      |
|--|---|
| Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Causes severe burns and serious eye damage. |
| 2-Butoxyethanol  | Causes skin irritation                      |

### Serious eye damage/irritation

#### Assessment:

Causes serious eye damage.

#### Product data:

No data available.

#### Substance data:

| Name   | Result                         |
|--|--------------------------------|
| Propan-2-ol  | Causes serious eye irritation. |
| Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Causes serious eye damage.     |
| 2-Butoxyethanol  | Causes eye irritation          |

### Respiratory or skin sensitization

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**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

| Name            | Result                 |
|-----------------|------------------------|
| 2-Butoxyethanol | Eye irritation - 24 h  |
|                 | Skin irritation - 20 h |

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):**

| Name            | Classification |
|-----------------|----------------|
| Propan-2-ol     | Group 3        |
| 2-Butoxyethanol | Group 3        |

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

| Name            | Result  |
|-----------------|---|
| 2-Butoxyethanol | Overexposure may cause reproductive disorder(s) based on tests with laboratory animals. |

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

| Name        | Result                             |
|-------------|------------------------------------|
| Propan-2-ol | May cause drowsiness or dizziness. |

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

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| Name   | Result   |
|--|--|
| Distillates (petroleum), straight-run middle | May cause damage to spleen, liver, and bone marrow through prolonged or repeated exposure. |

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

| Name   | Result  |
|--|---|
| Distillates (petroleum), straight-run middle | May be fatal if swallowed and enters airways. |

### Information on likely routes of exposure:

No data available.

### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

**Other information:**

No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

| Name            | Result   |
|-----------------|--|
| 2-Butoxyethanol | EC50 Daphnia magna (Water flea): 1,550 mg/L (48 h) |

### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Persistence and degradability

**Product data:** No data available.

**Substance data:**

| Name   | Result                          |
|--|---------------------------------|
| Distillates (petroleum), straight-run middle | Readily biodegradable.          |
| Propan-2-ol                                  | Readily biodegradable in water. |

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations



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### Disposal methods:

It is the responsibility of the waste generator to characterize all waste materials according to applicable regulatory entities

**Contaminated packages:** Not determined or not applicable.

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

|                               |               |
|-------------------------------|---------------|
| UN number                     | Not Regulated |
| UN proper shipping name       | Not regulated |
| UN transport hazard class(es) | None          |
| Packing group                 | None          |
| Environmental hazards         | None          |
| Special precautions for user  | None          |

### International Maritime Dangerous Goods (IMDG)

|                               |               |
|-------------------------------|---------------|
| UN number                     | Not regulated |
| UN proper shipping name       | Not regulated |
| UN transport hazard class(es) | None          |
| Packing group                 | None          |
| Environmental hazards         | None          |
| Special precautions for user  | None          |

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

|                               |               |
|-------------------------------|---------------|
| UN number                     | Not regulated |
| UN proper shipping name       | Not regulated |
| UN transport hazard class(es) | None          |
| Packing group                 | None          |
| Environmental hazards         | None          |
| Special precautions for user  | None          |

## SECTION 15: Regulatory information

### United States regulations

#### Inventory listing (TSCA):

|            |  |        |
|------------|--|--------|
| 64741-44-2 | Distillates (petroleum), straight-run middle                   | Listed |
| 67-63-0    | Propan-2-ol  | Listed |
| 61789-77-3 | Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Listed |
| 111-76-2   | 2-Butoxyethanol  | Listed |

#### Significant New Use Rule (TSCA Section 5):

|          |                 |        |
|----------|-----------------|--------|
| 111-76-2 | 2-Butoxyethanol | Listed |
|----------|-----------------|--------|

**Export notification under TSCA Section 12(b):** Not determined.

**SARA Section 302 extremely hazardous substances:** Not determined.

**SARA Section 313 toxic chemicals:**

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|            |  |            |
|------------|--|------------|
| 64741-44-2 | Distillates (petroleum), straight-run middle                   | Not Listed |
| 67-63-0    | Propan-2-ol  | Listed     |
| 61789-77-3 | Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Not Listed |
| 111-76-2   | 2-Butoxyethanol  | Not Listed |

**CERCLA:** Not determined.

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

### Massachusetts Right to Know:

|            |  |            |
|------------|--|------------|
| 64741-44-2 | Distillates (petroleum), straight-run middle                   | Not Listed |
| 67-63-0    | Propan-2-ol  | Listed     |
| 61789-77-3 | Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Not Listed |
| 111-76-2   | 2-Butoxyethanol  | Listed     |

### New Jersey Right to Know:

|            |  |            |
|------------|--|------------|
| 64741-44-2 | Distillates (petroleum), straight-run middle                   | Not Listed |
| 67-63-0    | Propan-2-ol  | Listed     |
| 61789-77-3 | Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Not Listed |
| 111-76-2   | 2-Butoxyethanol  | Listed     |

### New York Right to Know:

|            |  |            |
|------------|--|------------|
| 64741-44-2 | Distillates (petroleum), straight-run middle                   | Listed     |
| 67-63-0    | Propan-2-ol  | Listed     |
| 61789-77-3 | Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Not Listed |
| 111-76-2   | 2-Butoxyethanol  | Listed     |

### Pennsylvania Right to Know:

|            |  |            |
|------------|--|------------|
| 64741-44-2 | Distillates (petroleum), straight-run middle                   | Not Listed |
| 67-63-0    | Propan-2-ol  | Listed     |
| 61789-77-3 | Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | Not Listed |
| 111-76-2   | 2-Butoxyethanol  | Listed     |

**California Proposition 65:** None of the ingredients are listed.

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material

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designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 0-0-0

**HMIS:** 0-0-0

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**End of Safety Data Sheet**