

### 1. Identification

#### 1.1. Product identifier

**Product Identity** Jaundofiant Control  
**Alternate Names** Co-Injection Chemical Mixture

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

**Intended use** See Technical Data Sheet.  
**Application Method** See Technical Data Sheet.

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

**Company Name** The Dodge Company, Inc  
9 Progress Road  
Billerica, MA 01821

#### Emergency

**CHEMTREC (USA)** (800) 424-9300  
**Customer Service: The Dodge Company, Inc** (800) 443-6343, (978) 600-2099

### 2. Hazard(s) identification

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

|                   |  |
|-------------------|--|
| Flam. Liq. 3;H226 | Flammable liquid and vapor.                                      |
| Acute Tox. 4;H302 | Harmful if swallowed.  |
| Acute Tox. 5;H313 | May be harmful in contact with skin. (Not adopted by US OSHA)    |
| Acute Tox. 4;H332 | Harmful if inhaled.  |
| STOT SE 1;H370    | Causes damage to organs. Specific Target Organs: (Not Available) |

#### 2.2. Label elements



**Danger**

H226 Flammable liquid and vapor.  
H302 Harmful if swallowed.  
H313 May be harmful in contact with skin.  
H332 Harmful if inhaled.  
H370 Causes damage to organs.

### [Prevention]:

- P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
- P233 Keep container tightly closed.
- P240 Ground, bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, light, equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves, eye protection, face protection.

### [Response]:

- P301+312 IF SWALLOWED: Call a POISON CENTER or doctor , physician if you feel unwell.
- P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.
- P304+312 If inhaled: Call a poison center or doctor or physician if you feel unwell.
- P307+311 IF exposed: Call a POISON CENTER or doctor , physician.
- P321 Specific treatment (see information on this label).
- P330 IF SWALLOWED: Rinse mouth.
- P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

### [Storage]:

- P403+235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.

### [Disposal]:

- P501 Dispose of contents or container in accordance with local and national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations             | Weight % | GHS Classification   | Notes  |
|--|----------|--|--------|
| Propylene glycol<br>CAS Number: 0004254-16-4 | 10 - 25  | Not Classified   | [1]    |
| Methanol<br>CAS Number: 0000067-56-1         | 10 - 25  | Flam. Liq. 2;H225<br>Acute Tox. 3;H331<br>Acute Tox. 3;H311<br>Acute Tox. 3;H301<br>STOT SE 1;H370 (> 10%) | [1][2] |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### 4.1. Description of first aid measures

|                   |  |
|-------------------|--|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention.<br>Never give anything by mouth to an unconscious person.   |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>       | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.   |
| <b>Skin</b>       | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.  |
| <b>Ingestion</b>  | If the person is conscious, have them drink water. Contact a physician immediately. Do not induce vomiting.  |

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

|                   |  |
|-------------------|--|
| <b>Overview</b>   | No specific symptom data available.<br>Treat symptomatically. See section 2 for further details. |
| <b>Inhalation</b> | Harmful if inhaled. Causes damage to organs.   |
| <b>Skin</b>       | May be harmful in contact with skin. (Not adopted by US OSHA)                                    |
| <b>Ingestion</b>  | Harmful if swallowed.  |

### Section 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Do not use: water jet.

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

Hazardous decomposition: Oxides of carbon and nitrogen.  
Keep away from heat, sparks, open flames, and other ignition sources - No smoking.  
Keep container tightly closed.  
Ground, bond container and receiving equipment.  
Use explosion-proof electrical, ventilating, light, equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust, fume, gas, mist, vapors, spray.

#### 5.3. Advice for fire-fighters

Wear self-contained breathing apparatus to protect from decomposition products.

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### Section 6. Accidental release measures

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

Keep container closed when not in use. Avoid contact with eyes, skin, or clothing.

#### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

Vapor is heavier than air and may flow along surface to distant ignition source and flashback.

Spread an inert absorbent on the spill and place in a suitable, properly labeled container for recovery or disposal.

Flush area with large quantities of water.

### Section 7. Handling and storage

#### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]:

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

Incompatible materials: Strong oxidizing agents, strong acids and alkalis

See section 2 for further details. - [Storage]:

#### 7.3. Specific end use(s)

No data available.

All sources of ignition (hot surfaces, sparks, open flames etc) should be excluded from areas of preparation and application. All electrical equipment (including torches) should be protected (Ex) to the appropriate standard.

The product may charge electrostatically. Always use earthing leads when pouring solvents and transferring product. Operators should wear clothing which does not generate static (at least 60% natural fiber) and antistatic footwear; floors should be of conducting type.

### Section 8. Exposure controls and personal protection

#### 8.1. Control parameters

##### Exposure

| CAS No.      | Ingredient | Source | Value   |
|--------------|------------|--------|---|
| 0000067-56-1 | Methanol   | OSHA   | TWA 200 ppm (260 mg/m <sup>3</sup> )  |
|              |            | ACGIH  | TWA: 200 ppm STEL: 250 ppm  |
|              |            | NIOSH  | TWA 200 ppm (260 mg/m <sup>3</sup> ) ST 250 ppm (325 mg/m <sup>3</sup> ) [skin] |

|              |                  |       |                      |
|--------------|------------------|-------|----------------------|
| 0004254-16-4 | Propylene glycol | OSHA  | No Established Limit |
|              |                  | ACGIH | No Established Limit |
|              |                  | NIOSH | No Established Limit |

### 8.2. Exposure controls

- Respiratory** Not necessary where area is properly ventilated.
- Eyes** Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.
- Skin** Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Wear PVC or rubber gloves.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

|  |   |
|--|---|
| <b>Appearance</b>                                      | Clear, deep purple Liquid   |
| <b>Odor</b>  | Alcohol Odor  |
| <b>Odor threshold</b>                                  | Not determined  |
| <b>pH</b>  | 7.0-8.0   |
| <b>Melting point / freezing point</b>                  | N.A   |
| <b>Initial boiling point and boiling range</b>         | 91-93C 195-199F   |
| <b>Flash Point</b>                                     | 48-50C 118-122F   |
| <b>Evaporation rate (Ether = 1)</b>                    | < 1 (n-Butyl acetate = 1)   |
| <b>Flammability (solid, gas)</b>                       | Not Applicable  |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> 6%<br><b>Upper Explosive Limit:</b> 36.5% |
| <b>Vapor pressure (Pa)</b>                             | Not Measured  |
| <b>Vapor Density</b>                                   | Greater than 1  |
| <b>Relative Density</b>                                | 0.990-1.010   |
| <b>Solubility in Water</b>                             | Not Measured  |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured  |
| <b>Auto-ignition temperature</b>                       | Not Measured  |
| <b>Decomposition temperature</b>                       | Not Measured  |
| <b>Viscosity (cSt)</b>                                 | Not Measured  |
| <b>VOC Content</b>                                     | 99%   |

### 9.2. Other information

No other relevant information.

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Avoid prolonged exposure to heat and/or light.

### 10.5. Incompatible materials

Strong oxidizing agents, strong acids and alkalis

### 10.6. Hazardous decomposition products

Oxides of carbon and nitrogen.

## Section 11. Toxicological information

### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Ingredient                     | Oral LD50, mg/kg            | Skin LD50, mg/kg                 | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm      |
|--------------------------------|-----------------------------|----------------------------------|---------------------------------|-------------------------------------|-------------------------------|
| Propylene glycol - (4254-16-4) | ---                         | ---                              | ---                             | ---                                 | ---                           |
| Methanol - (67-56-1)           | 2,769.00, Rat - Category: 5 | 17,100.00, Rabbit - Category: NA | ---                             | ---                                 | 64,000.00, Rat - Category: NA |

### Carcinogen Data

| CAS No.      | Ingredient       | Source | Value  |
|--------------|------------------|--------|--|
| 0000067-56-1 | Methanol         | OSHA   | Regulated Carcinogen: No   |
|              |                  | NTP    | Known: No; Suspected: No   |
|              |                  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
|              |                  | ACGIH  | No Established Limit   |
| 0004254-16-4 | Propylene glycol | OSHA   | Regulated Carcinogen: No   |
|              |                  | NTP    | Known: No; Suspected: No   |
|              |                  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
|              |                  | ACGIH  | No Established Limit   |

| Classification                | Category | Hazard Description  |
|-------------------------------|----------|---|
| Acute toxicity (oral)         | 4        | Harmful if swallowed.   |
| Acute toxicity (dermal)       | 5        | May be harmful in contact with skin. (Not adopted by US OSHA) |
| Acute toxicity (inhalation)   | 4        | Harmful if inhaled.   |
| Skin corrosion/irritation     | ---      | Not Applicable  |
| Serious eye damage/irritation | ---      | Not Applicable  |
| Respiratory sensitization     | ---      | Not Applicable  |
| Skin sensitization            | ---      | Not Applicable  |
| Germ cell mutagenicity        | ---      | Not Applicable  |
| Carcinogenicity               | ---      | Not Applicable  |
| Reproductive toxicity         | ---      | Not Applicable  |
| STOT-single exposure          | 1        | Causes damage to organs.                                      |
| STOT-repeated exposure        | ---      | Not Applicable  |
| Aspiration hazard             | ---      | Not Applicable  |

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

| Ingredient                     | 96 hr LC50 fish, mg/l          | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l                                  |
|--------------------------------|--------------------------------|----------------------------|--|
| Propylene glycol - (4254-16-4) | Not Available                  | Not Available              | Not Available                                      |
| Methanol - (67-56-1)           | 15,400.00, Lepomis macrochirus | 18,260.00, Daphnia magna   | 22,000.00 (96 hr), Pseudokirchneriella subcapitata |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## Section 14. Transport information

|   | DOT (Domestic Surface Transportation)                                | IMO / IMDG (Ocean Transportation)                    | ICAO/IATA  |
|---|--|--|--|
| <b>14.1. UN number</b>                    | UN1993   | UN1993   | UN1993   |
| <b>14.2. UN proper shipping name</b>      | UN1993, Flammable liquids, n.o.s., (contains methyl alcohol), 3, III | Flammable liquids, n.o.s., (contains methyl alcohol) | Flammable liquids, n.o.s., (contains methyl alcohol) |
| <b>14.3. Transport hazard class(es)</b>   | <b>DOT Hazard Class: 3</b>   | <b>IMDG: 3</b><br><b>Sub Class: Not Applicable</b>   | <b>Air Class: 3</b>                                  |
| <b>14.4. Packing group</b>                | III  | III  | III  |
| <b>14.5. Environmental hazards</b>        |  |  |  |
| <b>IMDG</b>                               | Marine Pollutant: No;  |  |  |
| <b>14.6. Special precautions for user</b> |  |  |  |
|   | Not Applicable   |  |  |

## Section 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act (TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**US EPA Tier II Hazards**

**Fire:** Yes  
**Sudden Release of Pressure:** No  
**Reactive:** No  
**Immediate (Acute):** Yes  
**Delayed (Chronic):** No

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

Methanol

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.





**Proposition 65 - Developmental Toxins (>0.0%):**

Methanol

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

|                                      |
|--------------------------------------|
| <b>Section 16. Other information</b> |
|--------------------------------------|

**SDS Revision Date      06/19/2019**

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The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H370 Causes damage to organs.

H371 May cause damage to organs.

This Safety data Sheet was prepared using information provided by/obtained from the Dodge Chemical Company Inc. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to the product. The Dodge Chemical Company, Inc. expressly disclaim all expressed or implied warranty and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other processes as to the accuracy of and/or sufficiency of such information. This Safety Data Sheet may not be changed or altered in any way without the expressed knowledge and permission of The Dodge Chemical Company, Inc.

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