

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**

**1.1 Product identifier**

**Product Name** • **Image Mate Blockout Red 421**  
**Product Description** • Red liquid.

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

**Relevant identified use(s)** • Liquid blackout

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

**Manufacturer** • IKONICS Corporation  
4832 Grand Ave.  
Duluth, MN 55807  
United States  
www.ikonics.com  
sds@ikonics.com  
**Telephone (General)** • (218) 628-2217  
**Telephone (General)** • (800) 328-4261 - Toll free

**1.4 Emergency telephone number**

**Chemtrec** • 1-800-424-9300 - Within USA and Canada  
• +1 703-527-3887 - Outside USA and Canada (collect calls accepted)

**Section 2: Hazards Identification**

**EU/EEC**

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]  
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

**2.1 Classification of the substance or mixture**

**CLP** • Not classified  
**DSD/DPD** • Not classified

**2.2 Label Elements**

**CLP**

**Precautionary statements**

- Prevention** • P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response** • P301+P312 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

**Storage/Disposal** • P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

## 2.3 Other Hazards

- CLP • No data available
- DSD/DPD • No data available
- 

## UN GHS

According to Third Revised Edition

### 2.1 Classification of the substance or mixture

- UN GHS • Not classified

### 2.2 Label elements

UN GHS

#### Precautionary statements

**Prevention** • P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Response** • P301+P312 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

**Storage/Disposal** • P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### 2.3 Other hazards

- UN GHS • No data available
- 

## United States (US)

According to OSHA 29 CFR 1910.1200 HCS

### 2.1 Classification of the substance or mixture

- OSHA HCS 2012 • Not classified

### 2.2 Label elements

OSHA HCS 2012

#### Precautionary statements

**Prevention** • Wear protective gloves/protective clothing/eye protection/face protection. - P280

**Response** • IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell. - P301+P312  
IF ON SKIN: Wash with plenty of soap and water. - P302+P352  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338  
If eye irritation persists: Get medical advice/attention. - P337+P313

**Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

### 2.3 Other hazards

- OSHA HCS 2012 • No data available
- 

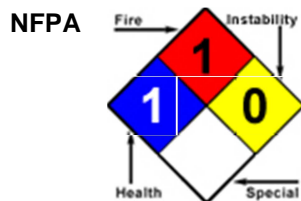
## Canada

According to WHMIS

### 2.1 Classification of the substance or mixture

- WHMIS • Not classified
- 2.2 Label elements**
- WHMIS • No data available
- 2.3 Other hazards**
- WHMIS • No data available

**2.4 Other information**



**Section 3 - Composition/Information on Ingredients**

**3.1 Substances**

**3.2 Mixtures**

| Composition            |  |                |   |  |          |
|------------------------|--|----------------|---|--|----------|
| Chemical Name          | Identifiers  | %              | LD50/LC50   | Classifications According to Regulation/Directive  | Comments |
| 2-Propanol, 1-methoxy- | CAS:107-98-2<br>EC Number:203-539-1<br>UN:UN3092<br>EINECS:203-539-1 | 5%<br>TO<br>7% | Inhalation-Rat LC50 • 10000 ppm 5 Hour(s)<br>Skin-Rabbit LD50 • 13 g/kg<br>Ingestion/Oral-Rat LD50 • 6600 mg/kg | WHMIS:<br>UN GHS:<br>EU DSD/DPD: R10<br>EU CLP: Annex VI: Flam. Liq. 3;<br>STOT SE 3; H226; H336<br>OSHA HCS 2012: | NDA      |

**Key to abbreviations**

= See Section 16 for full text of EU DSD/DPD R and S phrases and CLP/GHS H and P phrases.

See Section 11 for Toxicological Information.

**Section 4 - First Aid Measures**

**4.1 Description of first aid measures**

- Inhalation** • IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration and call 911 or emergency medical service.
- Skin** • IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- Eye** • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion** • If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth. Never give anything by mouth to an unconscious person. If large quantities are swallowed, call a physician immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

- Refer to Section 11 - Toxicological Information.

**4.3 Indication of any immediate medical attention and special treatment needed**

- Notes to Physician** • No data available.

Antidotes • No data available.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media** • SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
LARGE FIRE: Water spray, fog or regular foam.

**Unsuitable Extinguishing Media** • No data available.

**Firefighting Procedures** • Fire fighters should wear complete protective clothing including self-contained breathing apparatus.  
Keep unauthorized personnel away.  
Ventilate closed spaces before entering.  
LARGE FIRES: Use extinguishing agent suitable for type of surrounding fire.

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

**Unusual Fire and Explosion Hazards** • Some of these materials may burn, but none ignite readily.

**Hazardous Combustion Products** • Products of combustion include: carbon oxides (CO<sub>x</sub>).

### 5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.  
Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

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

**Personal Precautions** • Do not touch or walk through spilled material. Ventilate enclosed areas.

**Emergency Procedures** • No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

### 6.2 Environmental precautions

- LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas.

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

**Containment/Clean-up Measures** • Use appropriate Personal Protective Equipment (PPE)  
Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container.

### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

**Handling** • Use good safety and industrial hygiene practices.

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

**Storage** • Store away from extreme heat. Do not freeze. Keep container closed when not in use.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines • No data available.

| Exposure Limits/Guidelines          |          |                              |                              |  |                                    |  |
|-------------------------------------|----------|------------------------------|------------------------------|--|------------------------------------|--|
|                                     | Result   | ACGIH                        | Argentina                    | Australia  | Belgium                            | Canada Alberta   |
| 2-Propanol, 1-methoxy- (107-98-2)   | STELs    | 100 ppm STEL                 | 150 ppm STEL [CMP-CPT]       | 150 ppm STEL; 553 mg/m3 STEL   | 150 ppm STEL; 568 mg/m3 STEL       | 150 ppm STEL; 553 mg/m3 STEL   |
|                                     | TWAs     | 50 ppm TWA                   | 100 ppm TWA [CMP]            | 100 ppm TWA; 369 mg/m3 TWA   | 100 ppm TWA; 375 mg/m3 TWA         | 100 ppm TWA; 369 mg/m3 TWA   |
| Exposure Limits/Guidelines (Con't.) |          |                              |                              |  |                                    |  |
|                                     | Result   | Canada British Columbia      | Canada Manitoba              | Canada New Brunswick   | Canada Northwest Territories       | Canada Nova Scotia   |
| 2-Propanol, 1-methoxy- (107-98-2)   | STELs    | 75 ppm STEL                  | 100 ppm STEL                 | 150 ppm STEL; 553 mg/m3 STEL   | 150 ppm STEL; 540 mg/m3 STEL       | 100 ppm STEL   |
|                                     | TWAs     | 50 ppm TWA                   | 50 ppm TWA                   | 100 ppm TWA; 369 mg/m3 TWA   | 100 ppm TWA; 360 mg/m3 TWA         | 50 ppm TWA   |
| Exposure Limits/Guidelines (Con't.) |          |                              |                              |  |                                    |  |
|                                     | Result   | Canada Nunavut               | Canada Ontario               | Canada Quebec  | Canada Saskatchewan                | Canada Yukon   |
| 2-Propanol, 1-methoxy- (107-98-2)   | STELs    | 150 ppm STEL; 540 mg/m3 STEL | 150 ppm STEL                 | 150 ppm STEV; 553 mg/m3 STEV   | 150 ppm STEL                       | 150 ppm STEL; 450 mg/m3 STEL   |
|                                     | TWAs     | 100 ppm TWA; 360 mg/m3 TWA   | 100 ppm TWA                  | 100 ppm TWAEV; 369 mg/m3 TWAEV   | 100 ppm TWA                        | 100 ppm TWA; 360 mg/m3 TWA   |
| Exposure Limits/Guidelines (Con't.) |          |                              |                              |  |                                    |  |
|                                     | Result   | Denmark                      | Finland                      | France   | Germany DFG                        | Germany TRGS   |
| 2-Propanol, 1-methoxy- (107-98-2)   | TWAs     | 50 ppm TWA; 185 mg/m3 TWA    | 100 ppm TWA; 370 mg/m3 TWA   | 50 ppm TWA [VME] (restrictive limit); 188 mg/m3 TWA [VME] (restrictive limit)      | Not established                    | 100 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 370 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2) |
|                                     | STELs    | Not established              | 150 ppm STEL; 560 mg/m3 STEL | 100 ppm STEL [VLCT] (restrictive limit); 375 mg/m3 STEL [VLCT] (restrictive limit) | Not established                    | Not established  |
|                                     | Ceilings | Not established              | Not established              | Not established  | 200 ppm Peak; 740 mg/m3 Peak       | Not established  |
|                                     | MAKs     | Not established              | Not established              | Not established  | 100 ppm TWA MAK; 370 mg/m3 TWA MAK | Not established  |
| Exposure Limits/Guidelines (Con't.) |          |                              |                              |  |                                    |  |
|                                     | Result   | Hong Kong                    | Indonesia                    | Ireland  | Italy                              | Korea  |
| 2-Propanol, 1-methoxy- (107-98-2)   | STELs    | 150 ppm STEL; 553 mg/m3 STEL | Not established              | 150 ppm STEL; 568 mg/m3 STEL   | 150 ppm STEL; 568 mg/m3 STEL       | 150 ppm STEL (Serial No. 653); 540 mg/m3 STEL (Serial No. 653)   |
|                                     | TWAs     | Not established              | 100 ppm TWA                  | 100 ppm TWA; 375 mg/m3 TWA   | 100 ppm TWA; 375 mg/m3 TWA         | 100 ppm TWA (Serial No. 650); 360 mg/m3 TWA (Serial No. 650)   |

| Exposure Limits/Guidelines (Con't.) |        |  |                              |                               |  |                           |
|-------------------------------------|--------|--|------------------------------|-------------------------------|--|---------------------------|
|                                     | Result | Netherlands  | New Zealand                  | NIOSH                         | Norway   | Poland                    |
| 2-Propanol, 1-methoxy- (107-98-2)   | TWAs   | 375 mg/m3 TWA  | 100 ppm TWA; 369 mg/m3 TWA   | 100 ppm TWA; 360 mg/m3 TWA    | 50 ppm TWA; 180 mg/m3 TWA  | 180 mg/m3 TWA [NDS]       |
|                                     | STELs  | 563 mg/m3 STEL   | 150 ppm STEL; 553 mg/m3 STEL | 150 ppm STEL; 540 mg/m3 STEL  | Not established  | 360 mg/m3 STEL [NDSch]    |
| Exposure Limits/Guidelines (Con't.) |        |  |                              |                               |  |                           |
|                                     | Result | Portugal   | Singapore                    | South Africa                  | Spain  | Sweden                    |
| 2-Propanol, 1-methoxy- (107-98-2)   | STELs  | 150 ppm STEL [VLE-CD]                                      | 150 ppm STEL; 553 mg/m3 STEL | 300 ppm STEL; 1080 mg/m3 STEL | 150 ppm STEL [VLA-EC]; 568 mg/m3 STEL [VLA-EC]   | 75 ppm STV; 300 mg/m3 STV |
|                                     | TWAs   | 100 ppm TWA [VLE-MP]                                       | 100 ppm PEL; 369 mg/m3 PEL   | 100 ppm TWA; 360 mg/m3 TWA    | 100 ppm TWA [VLA-ED] (indicative limit value); 375 mg/m3 TWA [VLA-ED] (indicative limit value) | 50 ppm LLV; 190 mg/m3 LLV |
| Exposure Limits/Guidelines (Con't.) |        |  |                              |                               |  |                           |
|                                     | Result | Switzerland  |                              | Taiwan                        |  |                           |
| 2-Propanol, 1-methoxy- (107-98-2)   | MAKs   | 100 ppm TWA [MAK]; 360 mg/m3 TWA [MAK]                     |                              | Not established               |  |                           |
|                                     | STELs  | 200 ppm STEL [KZW] (4 X 15); 720 mg/m3 STEL [KZW] (4 X 15) |                              | Not established               |  |                           |
|                                     | TWAs   | Not established  |                              | 100 ppm TWA; 369 mg/m3 TWA    |  |                           |

## Exposure Control Notations

### Switzerland

•Formaldehyde (50-00-0): **Developmental Risk Groups:** (Developmental Risk Group C) | **Developmental Risk Groups:** (Developmental Risk Group C)

### Denmark

•2-Propanol, 1-methoxy- (107-98-2): **Skin Notations:** (Potential for cutaneous absorption)

### Norway

•2-Propanol, 1-methoxy- (107-98-2): **Skin:** (Skin notation)

### Italy

•2-Propanol, 1-methoxy- (107-98-2): **Skin:** (skin - potential for cutaneous absorption)

### Netherlands

•2-Propanol, 1-methoxy- (107-98-2): **Skin:** (skin notation)

### South Africa

•2-Propanol, 1-methoxy- (107-98-2): **Skin:** (Skin Notation)

### Belgium

•2-Propanol, 1-methoxy- (107-98-2): **Skin:** (Skin)

### Finland

•2-Propanol, 1-methoxy- (107-98-2): **Skin:** (Potential for cutaneous absorption)

### Spain

•2-Propanol, 1-methoxy- (107-98-2): **Skin:** (skin - potential for cutaneous exposure)

### Sweden

•Formaldehyde (50-00-0): **Skin:** (Skin notation) | **Skin:** (Skin notation)

### ACGIH

•Formaldehyde (50-00-0): **Carcinogens:** (A2 - Suspected Human Carcinogen) | **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

### Germany DFG

•Formaldehyde (50-00-0): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)

## Exposure Limits Supplemental

### Switzerland

•2-Propanol, 1-methoxy- (107-98-2): **Biological Limit Values:** (20 mg/L Medium: urine Time: end of shift Parameter: 1-Methoxypropanol-2)

### ACGIH

•Formaldehyde (50-00-0): **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation) | **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation)

### Germany TRGS

•2-Propanol, 1-methoxy- (107-98-2): **BELs:** (15 mg/L Medium: urine Time: end of shift Parameter: 1-Methoxypropan-2-ol)

## 8.2 Exposure controls

**Engineering Measures/Controls**

- Local exhaust is recommended but not required. Provide adequate ventilation as necessary.

**Personal Protective Equipment****Pictograms****Respiratory**

- Not required.

**Eye/Face**

- Wear protective eyewear (goggles, face shield, or safety glasses).

**Hands**

- Wear protective gloves - rubber or neoprene.

**Skin/Body**

- Wear protective clothing - apron or other impervious body coverings.

**General Industrial Hygiene Considerations**

- Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls**

- No data available

**Section 9 - Physical and Chemical Properties****9.1 Information on Physical and Chemical Properties**

| <b>Material Description</b>           |   |                                     |                   |
|---------------------------------------|---|-------------------------------------|-------------------|
| Physical Form                         | Liquid  | Appearance/Description              | Clear red liquid. |
| Color                                 | Red   | Odor                                | Mild              |
| Odor Threshold                        | No data available   |                                     |                   |
| <b>General Properties</b>             |   |                                     |                   |
| Boiling Point                         | 100 C(212 F)  | Melting Point                       | No data available |
| pH                                    | 5.1   | Density                             | 8.8 lbs/gal       |
| Water Solubility                      | Dispersible   | Explosive Properties                | None.             |
| Oxidizing Properties:                 | None.   |                                     |                   |
| <b>Volatility</b>                     |   |                                     |                   |
| Vapor Pressure                        | No data available   | Vapor Density                       | No data available |
| Evaporation Rate                      | < 1 n-Butyl Acetate = 1   | VOC (Wt.)                           | 7 %               |
| Volatiles (Wt.)                       | 85 %  |                                     |                   |
| <b>Flammability</b>                   |   |                                     |                   |
| Flash Point                           | > 200 F(> 93.3333 C)  | UEL                                 | No data available |
| LEL                                   | No data available   | Autoignition                        | Not relevant      |
| Flammability (solid, gas)             | Non-flammable in liquid form.<br>When dry, product will burn as an ordinary combustible material. |                                     |                   |
| <b>Environmental</b>                  |   |                                     |                   |
| Half-Life                             | No data available   | Octanol/Water Partition coefficient | No data available |
| Coefficient of water/oil distribution | No data available   | Bioaccumulation Factor              | No data available |
| Bioconcentration Factor               | No data available   | Biochemical Oxygen Demand BOD/BOD5  | No data available |
| Chemical Oxygen Demand                | No data available   | Persistence                         | No data available |
| Degradation                           | No data available   |                                     |                   |

**9.2 Other Information**

- No additional physical and chemical parameters noted.

**Section 10: Stability and Reactivity****10.1 Reactivity**

- No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

- Stable under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

- Avoid freezing. Excess heat.

### 10.5 Incompatible materials

- No data available.

### 10.6 Hazardous decomposition products

- No decomposition is expected under normal storage and use conditions. Hazardous decomposition products formed under fire conditions - carbon oxides (COx).

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

| Component Name                    | CAS      | Data   |
|-----------------------------------|----------|--|
| 2-Propanol, 1-methoxy- (5% TO 7%) | 107-98-2 | <b>Acute Toxicity:</b> orl-rat LD50:6600 mg/kg; ihl-rat LC50:10000 ppm/5H; skn-rbt LD50:13 gm/kg |
| GHS Properties                    |          | Classification   |
| Acute toxicity                    |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Aspiration Hazard                 |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Carcinogenicity                   |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Germ Cell Mutagenicity            |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Skin corrosion/Irritation         |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Skin sensitization                |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| STOT-RE                           |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| STOT-SE                           |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Toxicity for Reproduction         |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Respiratory sensitization         |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |
| Serious eye damage/Irritation     |          | EU/CLP•<br>OSHA HCS 2012•<br>UN GHS•   |

### Potential Health Effects

#### Inhalation



- Acute (Immediate)**
  - May cause mild irritation.
- Chronic (Delayed)**
  - Repeated and prolonged exposure may cause irritation.
- Skin**
- Acute (Immediate)**
  - May cause mild irritation.
- Chronic (Delayed)**
  - Repeated and prolonged exposure may cause irritation.
- Eye**
- Acute (Immediate)**
  - May cause mild irritation.
- Chronic (Delayed)**
  - Repeated and prolonged exposure may cause irritation.
- Ingestion**
- Acute (Immediate)**
  - No data available.
- Chronic (Delayed)**
  - No data available

## Section 12 - Ecological Information

### 12.1 Toxicity

- No data available

### 12.2 Persistence and degradability

- No data available

### 12.3 Bioaccumulative potential

- No data available

### 12.4 Mobility in Soil

- No data available

### 12.5 Results of PBT and vPvB assessment

- No data available

### 12.6 Other adverse effects

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

#### Product waste

- Dispose of content in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of container in accordance with local, regional, national, and/or international regulations.

### 13.2 Other Information

- Dispose of wastes in an approved waste disposal facility.

## Section 14 - Transport Information

|           | 14.1 UN number | 14.2 UN proper shipping name | 14.3 Transport hazard class(es) | 14.4 Packing group | 14.5 Environmental hazards |
|-----------|----------------|------------------------------|---------------------------------|--------------------|----------------------------|
| DOT       | NDA            | NDA                          | NDA                             | NDA                | NDA                        |
| IMO/IMDG  | NDA            | NDA                          | NDA                             | NDA                | NDA                        |
| IATA/ICAO | NDA            | NDA                          | NDA                             | NDA                | NDA                        |

### 14.6 Special precautions for user

- None specified.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

## 14.8 Other information

DOT • Not regulated.  
 IMO/IMDG • Not regulated.  
 IATA/ICAO • Not regulated.

## Section 15 - Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • No data available

| State Right To Know    |          |     |     |     |
|------------------------|----------|-----|-----|-----|
| Component              | CAS      | MA  | NJ  | PA  |
| 2-Propanol, 1-methoxy- | 107-98-2 | Yes | Yes | Yes |

| Inventory              |          |                |            |       |           |            |
|------------------------|----------|----------------|------------|-------|-----------|------------|
| Component              | CAS      | Australia AICS | Canada DSL | China | EU EINECS | Japan ENCS |
| 2-Propanol, 1-methoxy- | 107-98-2 | Yes            | Yes        | Yes   | Yes       | Yes        |

| Inventory (Con't.)     |          |            |             |                   |      |
|------------------------|----------|------------|-------------|-------------------|------|
| Component              | CAS      | Korea KECL | New Zealand | Philippines PICCS | TSCA |
| 2-Propanol, 1-methoxy- | 107-98-2 | Yes        | Yes         | Yes               | Yes  |

### Australia

#### Labor

Australia - List of Designated Hazardous Substances - Classification

•2-Propanol, 1-methoxy- 107-98-2 R10, R67

### Canada

#### Labor

Canada - WHMIS - Classifications of Substances

•2-Propanol, 1-methoxy- 107-98-2 B2

Canada - WHMIS - Ingredient Disclosure List

•2-Propanol, 1-methoxy- 107-98-2 1 %

### China

#### Other

China - Dangerous Goods List

•2-Propanol, 1-methoxy- 107-98-2

### Europe

#### Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

•2-Propanol, 1-methoxy- 107-98-2 R10 R67

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

•2-Propanol, 1-methoxy- 107-98-2 R:10-67 S:(2)

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

•2-Propanol, 1-methoxy- 107-98-2 S:(2)

### Germany

#### Environment

Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes

•2-Propanol, 1-methoxy- 107-98-2 ID Number 1597, hazard class 1 - low hazard to waters

### Japan

#### Labor

Japan - ISHL Dangerous Substances

|   |          |                            |
|---|----------|----------------------------|
| •2-Propanol, 1-methoxy-<br>Japan - ISHL Notifiable Substances | 107-98-2 | Flammable substance        |
| •2-Propanol, 1-methoxy-                                       | 107-98-2 | >1 % weight [Table 9, 496] |

**Other**

|  |          |  |
|--|----------|--|
| <b>Japan - Chemical Substance Control Law (CSCL) - Examined Existing Chemical Substances</b> |          |  |
| •2-Propanol, 1-methoxy-<br>Japan - Fire Service Law - Hazardous Materials                    | 107-98-2 | Readily biodegradable  |
| •2-Propanol, 1-methoxy-  | 107-98-2 | Group 4 - Flammable liquids III (listed under 2nd Class petroleum - soluble) |

**15.2 Chemical Safety Assessment**

- No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**15.3 Other Information**

- California Proposition 65: This product contains or may contain trace quantities if a substance(s) known to the State of California to cause cancer and/or reproductive toxicity:  
Formaldehyde      CAS #50-00-0      <0.002%

**Section 16 - Other Information**

**Relevant Phrases (code & full text)**

- H226 - Flammable liquid and vapor
- H336 - May cause drowsiness or dizziness
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P312 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- R10 - Flammable.

**Classification method for mixtures**

- Calculation method.

**Last Revision Date**

- 21 March 2007

**Preparation Date**

- 12 November 2013

**Other Information**

- Approved by: Troy Bergstedt, Director of Chemical Research, (218) 628-2217 ext.142.

**Disclaimer/Statement of Liability**

- The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under direct supervision, no representation is made that the information is accurate, reliable, complete, or representative and Buyer may rely thereon only at the Buyer's risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and / or situations involving its handling and uses. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.