OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
according to Canadian Hazardous Products Regulations (HPR)
Date of issue: 07/25/2013
Revision date: 08/14/2018
Supersedes: 02/06/2015
Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product form : Mixture
Trade name : OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : Temperature indicator

1.3. Details of the supplier of the safety data sheet
OMEGA Engineering, INC.
800 Connecticut Ave, Suite 5N01
Norwalk, CT 06854 USA
(800)-848-4286 or (203)-359-1660
Fax: (203)-359-7700
info@omega.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification in accordance with the Globally Harmonized Standard
Acute Tox. 3 (Oral) : H301
Acute Tox. 2 (Inhalation:dust,mist) : H330
Skin Corr. 1B : H314
Resp. Sens. 1 : H334
Skin Sens. 1 : H317
Muta. 1B : H340
Carc. 1B : H350
Repr. 1B : H360
STOT SE 3 : H335
STOT SE 3 : H336
STOT RE 1 : H372
Aquatic Acute 1 : H400
Aquatic Chronic 2 : H411

Full text of hazard classes and H-statements : see section 16

2.2 Label elements

GHS-US labelling
Hazard pictograms (GHS-US) :

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) :
H301 - Toxic if swallowed
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H330 - Fatal if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer
H360 - May damage fertility or the unborn child
H372 - Causes damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life
OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow

Safety Data Sheet

Precautionary statements (GHS-US)

H411 - Toxic to aquatic life with long lasting effects
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe mist, spray, vapours
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing must not be allowed out of the workplace
P273 - Avoid release to the environment
P280 - Wear face shield, eye protection, protective clothing, protective gloves
P284 - In case of insufficient ventilation, wear suitable respiratory equipment
P301+P310 - If swallowed: Immediately call a doctor, a POISON CENTER
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
P302+P352 - If on skin: Wash with plenty of water
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
P308+P313 - If exposed or concerned: Get medical advice/attention
P310 - Immediately call a doctor, a POISON CENTER
P314 - Get medical advice/attention if you feel unwell
P320 - Specific treatment is urgent (see First aid measures on this label)
P321 - Specific treatment (see First aid measures on this label)
P330 - Rinse mouth
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P342+P311 - If experiencing respiratory symptoms: Call a doctor, a POISON CENTER
P362+P364 - Take off contaminated clothing and wash it before reuse
P363 - Wash contaminated clothing before reuse
P391 - Collect spillage
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P501 - Dispose of contents/container to an authorised waste collection point

2.3. Other hazards
No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>GHS-US classification</th>
</tr>
</thead>
</table>
| 1-bromopropane        | (CAS No) 106-94-5 | 71.44 - 73.65 | Flam. Liq. 2, H225  
Skin Irrit. 2, H315  
Eye Irrit. 2A, H319  
Repr. 1B, H360  
STOT SE 3, H335  
STOT RE 2, H373 |
| sodium chromate       | (CAS No) 7775-11-3| 22.47 - 24.97 | Acute Tox. 3 (Oral), H301  
Acute Tox. 4 (Dermal), H312  
Acute Tox. 2 (Inhalation), H330  
Skin Corr. 1B, H314  
Resp. Sens. 1, H334  
Skin Sens. 1, H317  
Muta. 1B, H340  
Carc. 1B, H350  
Repr. 1B, H360  
STOT RE 1, H372  
Aquatic Acute 1, H400  
Aquatic Chronic 1, H410 |
| 1,2-epoxybutane       | (CAS No) 106-88-7 | 0 - 0.52 | Flam. Liq. 2, H225  
Acute Tox. 4 (Oral), H302  
Acute Tox. 4 (Dermal), H312  
Acute Tox. 4 (Inhalation), H332  
Skin Irrit. 2, H315  
Eye Irrit. 2A, H319  
Carc. 2, H351  
STOT SE 3, H335  
Aquatic Chronic 3, H412 |

Full text of H-statements: 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 : Immediately call a POISON CENTER or doctor/physician. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Immediately call a POISON CENTER or doctor/physician. Rinse skin with water/shower. Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

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. Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

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

Symptoms/injuries : May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Symptoms/injuries after inhalation : Fatal if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.

Symptoms/injuries after skin contact : Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye damage.

Symptoms/injuries after ingestion : Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

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

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Burning produces irritating, toxic and noxious fumes.

Explosion hazard : Product is not explosive.

Reactivity : Thermal decomposition generates : Corrosive vapours.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Safety showers and eye wash stations should be located near areas with splash hazards. Avoid all eye and skin contact and do not breathe vapour and mist.

6.1.1. For non-emergency personnel

Protective equipment : Face shield. Chemical goggles or safety glasses. Wear suitable protective clothing and gloves. Wear suitable gloves resistant to chemical penetration. In case of inadequate ventilation wear respiratory protection.

Emergency procedures : Evacuate unnecessary personnel. Keep upwind. Only qualified personnel equipped with suitable protective equipment may intervene.

6.1.2. For emergency responders

Protective equipment : Face shield. Chemical goggles or safety glasses. Wear suitable protective clothing and gloves. Wear protective rubber clothing with splash guard. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment.

Emergency procedures : Ventilate area. Stop leak if safe to do so. Relevant water authorities should be notified of any large spillage to water course or drain. Keep upwind.
6.2. Environmental precautions
Avoid release to the environment. Do not allow large quantities, as are, to spread into the environment. Do not discharge into drains or rivers. Do not discharge into drains or the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
For containment: Absorb and/or contain spill with inert material, then place in suitable container. Do not allow minor leaks or spills to accumulate on walking surfaces.
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up in non-combustible absorbent material and shove into container for disposal.

6.4. Reference to other sections
Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Do not breathe mist, spray, vapours. Use only outdoors or in a well-ventilated area. Avoid contact with skin, eyes and clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so. Avoid contact during pregnancy/while nursing. Wear proper protective equipment.
Hygiene measures: Do not eat, drink or smoke when using this product. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Storage conditions: Keep container tightly closed. Keep only in the original container in a cool well ventilated place.
Incompatible products: Strong acids. Strong bases.
Incompatible materials: Heat sources. Direct sunlight.
Prohibitions on mixed storage: Incompatible materials.
Storage area: Keep out of direct sunlight.

7.3. Specific end use(s)
Temperature indicator.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>1,2-epoxybutane (106-88-7)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>1-bromopropane (106-94-5)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>sodium chromate (7775-11-3)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Appropriate engineering controls: Avoid creating mist or spray. Avoid splashing. Either local exhaust or general room ventilation is usually required. Emergency safety showers should be available in the immediate vicinity of any potential exposure. Eyewash stations.
Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear suitable gloves resistant to chemical penetration. Impermeable protective nitrile gloves.
Eye protection: Face shield. Chemical goggles or safety glasses.
Skin and body protection: Wear suitable protective clothing. Long sleeved protective clothing. Impervious clothing.
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Respiratory protection : Wear respiratory protection. Use an approved respirator equipped with oil/mist cartridges.
Thermal hazard protection : Wear fire/flame resistant/retardant clothing.
Environmental exposure controls : Prevent leakage or spillage.
Consumer exposure controls : Keep out of reach of children. Avoid contact during pregnancy/while nursing.
Other information : Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state : Liquid
Colour : Yellow
Odour : No data available
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : 788 °C
Freezing point : No data available
Boiling point : No data available
Flash point : > 96 °C
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Solubility : No data available
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information
VOC content : 74.7 %

SECTION 10: Stability and reactivity

10.1. Reactivity
Thermal decomposition generates : Corrosive vapours.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Direct sunlight. Heat.

10.5. Incompatible materials
Strong bases. Strong acids.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow |
|-----------------------------|-----------------|
| ATE CLP (oral)              | 207.213 mg/kg bodyweight |
| ATE CLP (dust,mist)        | 0.200 mg/l/4h     |

15/10/2015

EN (English)
## 1.2-epoxybutane (106-88-7)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>1100 µl/kg</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>500.000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
<td>1100.000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE CLP (gases)</td>
<td>4500.000 ppmv/4h</td>
</tr>
<tr>
<td>ATE CLP (vapours)</td>
<td>11.000 mg/l/4h</td>
</tr>
<tr>
<td>ATE CLP (dust,mist)</td>
<td>1.500 mg/l/4h</td>
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</table>

## 1-bromopropane (106-94-5)

<table>
<thead>
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<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>14374 ppmv/4h</td>
</tr>
<tr>
<td>ATE CLP (gases)</td>
<td>14374.000 ppmv/4h</td>
</tr>
</tbody>
</table>

## Sodium chromate (7775-11-3)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>LD50 oral rat</td>
<td>51.91 mg/kg Read across category approach</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>1330 mg/kg read across category approach</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>99 mg/m³ 4 h, read across category approach</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>51.910 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
<td>1330.000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE CLP (dust,mist)</td>
<td>0.050 mg/l/4h</td>
</tr>
</tbody>
</table>

### Skin corrosion/irritation
- Causes severe skin burns and eye damage.

### Respiratory or skin sensitisation
- May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

### Germ cell mutagenicity
- May cause genetic defects.

### Carcinogenicity
- May cause cancer.

### 1,2-epoxybutane (106-88-7)

### IARC group
- 2B - Possibly carcinogenic to humans

### Reproductive toxicity
- May damage fertility or the unborn child.

### Specific target organ toxicity (single exposure)
- May cause respiratory irritation. May cause drowsiness or dizziness.

### Specific target organ toxicity (repeated exposure)
- Causes damage to organs through prolonged or repeated exposure.

## 1-bromopropane (106-34-5)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOAEL (inhalation, rat, dust/mist/fume, 90 days)</td>
<td>1 mg/l/6h/day</td>
</tr>
</tbody>
</table>

### Aspiration hazard
- Not classified

### Potential adverse human health effects and symptoms

#### Symptoms/injuries after inhalation
- Fatal if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.

#### Symptoms/injuries after skin contact
- Causes severe skin burns and eye damage. May cause an allergic skin reaction.

#### Symptoms/injuries after eye contact
- Causes serious eye damage.

#### Symptoms/injuries after ingestion
- Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

#### Likely routes of exposure
- Skin and eye contact; Inhalation

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Ecology - water
- Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

### 1,2-epoxybutane (106-88-7)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>&gt; 100 mg/l 96 h</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>70 mg/l 48 h</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
<td>&gt; 500 mg/l 72 h</td>
</tr>
</tbody>
</table>

### 1-bromopropane (106-34-5)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>203 mg/l 24 h</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
<td>52.4 mg/l</td>
</tr>
</tbody>
</table>
OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow
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EN (English)

<table>
<thead>
<tr>
<th>sodium chromate (7775-11-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

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Persistence and degradability  May cause long-term adverse effects in the environment.

1,2-epoxybutane (106-88-7)
Persistence and degradability  Readily biodegradable.

1-bromopropane (106-94-5)
Persistence and degradability  Readily biodegradable.

12.3. Bioaccumulative potential

1,2-epoxybutane (106-88-7)
Log Pow  0.86

1-bromopropane (106-94-5)
BCF fish  11.29 L/kg wwt
Log Pow  2.16

12.4. Mobility in soil

12.5. Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Waste treatment methods  Do not dispose in household garbage.
Sewage disposal recommendations  Do not dispose of waste into sewer.
Waste disposal recommendations  Dispose in a safe manner in accordance with local/national regulations.
Additional information  Clean up even minor leaks or spills if possible without unnecessary risk.
Ecology - waste materials  Hazardous waste due to toxicity.

 SECTION 14: Transport information

In accordance with DOT and TDG
Transport document description  UN2927 Toxic liquids, corrosive, organic, n.o.s. (sodium chromate), 6.1 (8), II
UN-No.(DOT)  UN2927
Proper Shipping Name (DOT)  Toxic liquids, corrosive, organic, n.o.s. (sodium chromate)
Transport hazard class(es) (DOT)  6.1 - Poison
                                      8 - Corrosive
Packing group (DOT)  II - Medium Danger
Dangerous for the environment  Yes
Marine pollutant  Yes

ADR
Transport document description  UN 2927 TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (sodium chromate), 6.1 (8), II, (D/E)
Proper Shipping Name (ADR)  TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (sodium chromate)
Packing group (ADR)  II
Transport hazard class(es) (ADR)  6.1 (8)
Dangerous for the environment  Yes
Marine pollutant  Yes

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Transport by sea
UN-No. (IMDG) : UN 2927
Proper Shipping Name (IMDG) : TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (sodium chromate)
Transport hazard class(es) (IMDG) : 6.1 (8)
Packing group (IMDG) : II
Dangerous for the environment : Yes
Marine pollutant : Yes

Air transport
UN-No. (IATA) : UN 2927
Proper Shipping Name (IATA) : Toxic liquid, corrosive, organic, n.o.s. (sodium chromate)
Transport hazard class(es) (IATA) : 6.1 (8)
Packing group (IATA) : II
Dangerous for the environment : Yes
Marine pollutant : Yes

SECTION 15: Regulatory information

15.1. US Federal regulations

1,2-epoxybutane (106-88-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313
RQ (Reportable quantity, section 304 of EPA's List of Lists) : 100 lb

1-bromopropane (106-94-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

sodium chromate (7775-11-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313
EPA TSCA Regulatory Flag : R - R - indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

15.2. International regulations

CANADA

1,2-epoxybutane (106-88-7)
Listed on the Canadian DSL (Domestic Substances List) inventory.

1-bromopropane (n-propyl bromide) (106-94-5)
Listed on the Canadian DSL (Domestic Substances List) inventory.

Sodium chromate (7775-11-3)
Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

1,2-epoxybutane (106-88-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

1-bromopropane (n-propyl bromide) (106-94-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Sodium chromate (7775-11-3)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow Safety Data Sheet

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National regulations

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All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

All ingredients are listed in the Toxic Substances Control Act (TSCA).

15.3. US State regulations

<table>
<thead>
<tr>
<th>1-bromopropane (106-94-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - California - Proposition 65 - Carcinogens List</td>
</tr>
<tr>
<td>No</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>1,2-epoxybutane (106-88-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - Massachusetts - Right To Know List</td>
</tr>
<tr>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium chromate (7775-11-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
</tr>
<tr>
<td>U.S. - New York - Right to Know List of Hazardous Chemicals</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - List of Hazardous Substances</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Indication of changes: Transport information.

Data sources:

ACGIH 2000.


Abbreviations and acronyms:

ACGIH (American Conference of Governmental Industrial Hygienists).

ATE: Acute Toxicity Estimate.

CAS (Chemical Abstracts Service) number.

CLP: Classification, Labelling, Packaging.

EC50: Environmental Concentration associated with a response by 50% of the test population.

GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).

LD50: Lethal Dose for 50% of the test population.

OSHA: Occupational Safety & Health Administration.

PBT: Persistent, Bioaccumulative, Toxic.

STEL: Short Term Exposure Limits.

TSCA: Toxic Substances Control Act.

TWA: Time Weight Average.

Other information: None.
**OMEGALAQ™ Liquid Temperature Lacquers 1450 °F (788 °C) Yellow**

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

according to Canadian Hazardous Products Regulations (HPR)

**NFPA health hazard**

4 - Very short exposure could cause death or serious residual injury even though prompt medical attention was given.

**NFPA fire hazard**

1 - Must be preheated before ignition can occur.

**NFPA reactivity**

0 - Normally stable, even under fire exposure conditions, and not reactive with water.

Full text of H-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 2 (Inhalation)</th>
<th>Acute toxicity (inhal.), Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 2 (Inhalation:dust,mist)</td>
<td>Acute toxicity (inhalation:dust,mist) Category 2</td>
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<td>Acute Tox. 3 (Oral)</td>
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<td>Acute Tox. 4 (Dermal)</td>
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<tr>
<td>Acute Tox. 4 (Inhalation)</td>
<td>Acute toxicity (inhal.), Category 4</td>
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<tr>
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<td>Acute toxicity (oral), Category 4</td>
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<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
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<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
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<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 2</td>
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<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 3</td>
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<tr>
<td>Carc. 1B</td>
<td>Carcinogenicity, Category 1B</td>
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<td>Carc. 2</td>
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<td>Skin corrosion/irritation, Category 1B</td>
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<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
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<td>Skin Sens. 1</td>
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<tr>
<td>STOT RE 1</td>
<td>Specific target organ toxicity — Repeated exposure, Category 1</td>
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<td>STOT RE 2</td>
<td>Specific target organ toxicity — Repeated exposure, Category 2</td>
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<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation</td>
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<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Narcosis</td>
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<tr>
<td>H225</td>
<td>Highly flammable liquid and vapour</td>
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<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
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<tr>
<td>H330</td>
<td>Fatal if inhaled</td>
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<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H334</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
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<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H340</td>
<td>May cause genetic defects</td>
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<tr>
<td>H350</td>
<td>May cause cancer</td>
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<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
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<tr>
<td>H360</td>
<td>May damage fertility or the unborn child</td>
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<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
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<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
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<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
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<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
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<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
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<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.