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

1.1. Product identifier
Product form : Mixture, liquid
Product name : CRX200 Corrosion Inhibitor Remover
Product group : Trade product
Product code : SP-4800G/GAL
Part number : SP-4800G series

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Use of the substance/preparation : Cleaning agent

1.2.2. Uses advised against
No data available

1.3. Details of the supplier of the safety data sheet
Celeste Industries Corporation
8221 Teal Drive, suite 405
Easton, Maryland 21601 (USA)
Within USA: (410) 822-5775
International: 00 (1) 410-822-5775
e-mail: info@celestecorp.com

1.4. Emergency telephone number
Emergency contact number : For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours)
within the USA and CANADA: 1-800-424-9300
Outside USA and Canada (collect call accepted): 1-703-527-3883

SECTION 2: Hazards identification

2.1. Classification of the mixture
Classification according to CLP Regulation (EC) No 1272/2008
Skin Irrit. 2, H315
Eye Irrit. 2, H319
Skin Sens. 1, H317

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects
No data available

2.2. Label elements
Classification according to CLP Regulation (EC) No 1272/2008

Hazard Pictogram : 

Signal Word : Warning

Hazard Statement : H315 – Causes skin irritation
H317 – May cause an allergic skin reaction
H319 – Causes series eye irritation

P302 + P350 – IF ON SKIN: Gently 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 so. Continue rinsing.
Extra phrases: Contains (R)-p-mentha-1,8-diene (5989-27-5). May produce an allergic reaction.

2.3. Other hazards
Mixture may cause skin irritation through prolonged direct contact.

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>% Wt</th>
<th>Product Identifier</th>
<th>Classification according to CLP Regulation (EC) No 1272/2008</th>
</tr>
</thead>
</table>
| (R)-p-mentha-1,8-diene      | <15%  | (CAS No.) 5989-27-5 (EC no) 227-813-5 (EC index no) 601-029-00-7 | Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Aquatic Acute 1, H400  
Aquatic Chronic 1, H410 |
| Dimethyl glutarate          | < 50% | (CAS No.) 1119-40-0 (EC no) 214-277-2 | Skin Irrit. 2, H315  
Eye Irrit. 2, H319 |
| Dimethyl adipate            | < 50% | (CAS No.) 627-93-0 (EC no) 211-020-6 | Eye Irrit. 2, H319 |

Full text of phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.
First-aid measures after skin contact: If splashed or spilled on skin, rinse with plenty of water.
First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes.
First-aid measures after ingestion: Seek medical attention immediately. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries after skin contact: Intended for hand use without causing irritation but if contacts other skin areas that may become irritated.
Symptoms/injuries after eye contact: May cause irritation to the eyes.
Symptoms/injuries after ingestion: Ingestion may cause immediate pain and severe burns of the mucous membranes.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Non combustible
Reactivity: Stable under normal conditions of use.

5.3. Advice for firefighters
Protective equipment for firefighters: Wear proper protective equipment. Extra personal protection: complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Protective equipment: Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.
Emergency procedures: Avoid contact with skin and eyes.

6.1.2. For emergency responders
Protective equipment: Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.
Emergency procedures: Avoid contact with skin and eyes. Do not allow uncontrolled leakage of product into the environment.
### 6.2. Environmental precautions
Avoid release to the environment. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Small quantities of liquid spill – use absorbent material and shovel into container for disposal. For large spills, dike with dirt, then remove by vacuum truck for disposal.

### 6.4. Reference to other sections
Refer to sections 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling
Precautions for safe handling: Avoid contact with skin and eyes.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Provide adequate ventilation.
Storage condition(s): Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)
No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters
n/a

### 8.2. Exposure controls
Appropriate engineering controls: Ensure adequate ventilation.
Personal protective equipment: Chemical resistant gloves. Protective goggles.
Hand protection: Chemical resistant gloves.
Eye protection: Wear chemical splash goggles.
Skin and body protection: Protective apron. Protective clothing. Wear suitable protective clothing.
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear or light amber</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>6 - 7</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 150 °C</td>
</tr>
<tr>
<td>Self ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.95 - 1.05</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive as none of the components is classified as explosive or oxidizing.</td>
</tr>
</tbody>
</table>
**Safety Data Sheet**

**Oxidising properties**: None of the components is classified for oxidizing properties.

**Explosive limits**: No data available

<table>
<thead>
<tr>
<th>9.2. Other information</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
</tr>
</tbody>
</table>

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**
Stable under normal conditions of use.

**10.2. Chemical stability**
Stable under normal conditions of use.

**10.3. Possibility of hazardous reactions**
None known.

**10.4. Conditions to avoid**
No data available

**10.5. Incompatible materials**
No data available

**10.6. Hazardous decomposition products**
None known.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>: Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adhesive &amp; Gum Remover, LS-4500 series</strong></td>
<td></td>
</tr>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

(R)-p-mentha-1,8-diene (5989-27-5)

| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |

| Skin corrosion/irritation | : Causes skin irritation. pH: 6 - 7 |
| Serious eye damage/irritation | : Causes eye irritation. pH: 6 - 7 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |

**SECTION 12: Ecological information**

**12.1. Toxicity**

(R)-p-mentha-1,8-diene (5989-27-5)

| LC50 fish | 0.72 mg/l 96 hours |
| LC50 other aquatic organism | 0.36 mg/l 48 hours- daphnia |

**12.2. Persistence and degradability**

**Adhesive & Gum Remover, LS-4500 series**

| Persistence and degradability | Readily biodegradable |

**12.3. Bioaccumulative potential**

Readily biodegradable

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available
12.6. Other adverse effects
No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.
Waste disposal recommendations : Comply with local regulations for disposal.

SECTION 14: Transport information
Not a dangerous good in sense of transport regulations

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations
Contains no REACH candidate substance

15.1.2. National regulations
No data available

15.2. Chemical safety assessment
CSA has not been established

SECTION 16: Other information

Sources of Key data : SDS, ECHA

Full text of phrases:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor</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>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>P281</td>
<td>Use personal protective equipment as required</td>
</tr>
<tr>
<td>P302 + P350</td>
<td>IF ON SKIN: Gently wash with plenty of soap and water</td>
</tr>
<tr>
<td>P305 + P351 + P338</td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable Liquid, Category 3</td>
</tr>
<tr>
<td>Skin Irrit 2</td>
<td>Skin Irritation, Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1,</td>
<td>Skin Sensitization, Category 1</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Aquatic Acute Toxicity, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Aquatic Chronic Toxicity, Category 1</td>
</tr>
</tbody>
</table>

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