# Next Generation Dry Elite® Dry Wash & Polish

**Safety Data Sheet**

According to Regulations (EC) No. 453/2010

MS Code: MSTR138  Revision: 4  Rev Date: 09/02/2015  Supersedes: 04/21/2015

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

### 1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>Dry Elite Dry Wash &amp; Polish</td>
</tr>
<tr>
<td>Product group</td>
<td>Trade product</td>
</tr>
<tr>
<td>Product code</td>
<td>LB-86000D3</td>
</tr>
<tr>
<td>Part number</td>
<td>SP-86000D series</td>
</tr>
</tbody>
</table>

### 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 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 substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

- Xi; R36
- Xi; R38

Full text of R-phrases: see section 16

### 2.2. Label elements

| Symbol and Nature of Warning / Danger. | ! | Irritant |

- Signal Word: Warning
- R-phrases: R36: Irritating to eyes
- R38: Irritating to skin
- S-phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

- Extra phrases: Contains (R)-p-mentha-1,8-diene(5989-27-5). May produce an allergic reaction.

### 2.3. Other hazards

May cause skin irritation through prolonged direct contact.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Full text of R-, H- and EUH-phrases: see section 16
<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Directive 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(R)-p-mentha-1,8-diene</td>
<td>(CAS No.) 5989-27-5</td>
<td>≤2.0</td>
<td>R10  Xi; R36 Xi; R38 R43</td>
</tr>
<tr>
<td></td>
<td>(EC no) 227-813-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 601-029-00-7</td>
<td></td>
<td>RX; R36/37/38 R52</td>
</tr>
<tr>
<td>4-chloro-a,a,a-trifluorotoluene</td>
<td>(CAS No.) 98-56-6</td>
<td>≤3.0</td>
<td>R10  R36/37/38 R52</td>
</tr>
<tr>
<td></td>
<td>(EC no) 202-681-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-octyl-2-pyrrolidone</td>
<td>(CAS No.) 2687-94-7</td>
<td>&lt;0.1</td>
<td>C; R34</td>
</tr>
<tr>
<td></td>
<td>(EC no) 403-700-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 613-098-00-0</td>
<td></td>
<td>R51:53</td>
</tr>
<tr>
<td>Morpholine</td>
<td>(CAS No.) 110-91-8</td>
<td>&lt;0.5</td>
<td>R10  Xn; R20/21/22 C; R34</td>
</tr>
<tr>
<td></td>
<td>(EC no) 203-815-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 813-028-00-9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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 if 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 if splashing is possible.
Emergency procedures : Avoid contact with skin and eyes.

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: take up in non-combustible 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

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 goggle.
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>Slightly viscous liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Milky white</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>7 - 8</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>0 °C (32 °F) – Do not freeze, store above freezing point.</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>
</tbody>
</table>
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: Not explosive as none of the components is classified as explosive or oxidizing.
Oxidising properties: None of the components is classified for oxidizing properties.
Explosive limits: No data available

9.2. Other information
No data available

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
Acute toxicity: Not classified

<table>
<thead>
<tr>
<th>Adhesive &amp; Gum Remover, LS-4500 series</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 &gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

(R)-p-mentha-1,8-diene (5989-27-5)
LD50 oral rat
LD50 > 5000 mg/kg
LD50 dermal rabbit
LD50 > 5000 mg/kg

Skin corrosion/irritation: Causes skin irritation.
pH: 7 - 8
Serious eye damage/irritation: Causes eye irritation.
pH: 7 - 8
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

<table>
<thead>
<tr>
<th>Adhesive &amp; Gum Remover, LS-4500 series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
</tr>
<tr>
<td>Readily biodegradable</td>
</tr>
</tbody>
</table>

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 : MSDS.

Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Dermal) Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation) Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral) Acute toxicity (oral) Category 4
Aquatic Acute 1 Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1 Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2 Hazardous to the aquatic environment - Chronic Hazard Category 2
Eye Dam. 1 Serious eye damage/eye irritation Category 1
Eye Irrit. 2 Serious eye damage/eye irritation Category 2
Flam. Liq. 3 Flammable liquids Category 3
Skin Corr. 1B skin corrosion/irritation Category 1B
Skin Irrit. 2 skin corrosion/irritation Category 2
Skin Sens. 1 Skin sensitisation Category 1
STOT SE 3 Specific target organ toxicity (single exposure) Category 3
H226 Flammable liquid and vapour
H302 Harmful if swallowed
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H319 Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H411 Toxic to aquatic life with long lasting effects
R10 Flammable
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed |
| R34      | Causes burns                                                |
| R36      | Irritating to eyes                                          |
| R36/37/38| Irritating to eyes, respiratory system and skin             |
| R38      | Irritating to skin                                          |
| R41      | Risk of serious damage to eyes                              |
| R43      | May cause sensitisation by skin contact                      |
| R50/53   | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R51/53   | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R52      | Harmful to aquatic organisms                                |
| C        | Corrosive                                                   |
| N        | Dangerous for the environment                               |
| Xi       | Irritant                                                    |
| Xn       | Harmful                                                     |

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