Material Safety Data Sheet

Hazardous According to the Criteria of SWA (Safe Work Australia)

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>MATADOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Name:</td>
<td>None</td>
</tr>
<tr>
<td>Manufacturer’s Product Code:</td>
<td>20108, 20109</td>
</tr>
<tr>
<td>Recommended Use:</td>
<td>Alkaline detergent sanitiser.</td>
</tr>
<tr>
<td>Supplier Name:</td>
<td>CASTLE CHEMICALS</td>
</tr>
<tr>
<td>Supplier Address:</td>
<td>16 RURAL DRIVE SANDGATE NSW 2304</td>
</tr>
<tr>
<td>Telephone No.:</td>
<td>02 40145555</td>
</tr>
<tr>
<td>Fax No.:</td>
<td>02 49601686</td>
</tr>
<tr>
<td>Emergency No.:</td>
<td>02 40145555</td>
</tr>
<tr>
<td>Website:</td>
<td><a href="http://www.castlechem.com.au">www.castlechem.com.au</a></td>
</tr>
</tbody>
</table>

2 HAZARDS IDENTIFICATION

HAZARD DESIGNATION: Hazardous According to the Criteria of SWA

RISK PHRASES: R36 - irritating to eyes.

SAFETY PHRASE: NONE.

ADG CLASSIFICATION: Not “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Good by Road and Rail.

SUSMP CLASSIFICATION: SUSMP S5

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER:</th>
<th>PROPORTION (% WT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkaline Salts</td>
<td></td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>Quaternary Ammonium Compound</td>
<td>68391-01-5</td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>Nonionic Surfactant</td>
<td></td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>Dye</td>
<td></td>
<td>&lt; 1%</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 60%</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

IF POISONING OCCURS, IMMEDIATELY CONTACT A DOCTOR OR POISONS INFORMATION CENTRE (TELEPHONE 13 11 26), AND FOLLOW THE ADVICE GIVEN. SHOW THIS MATERIAL SAFETY DATA SHEET TO A DOCTOR.

Inhalation: Not considered an inhalation hazard.

Skin Contact: Remove all contaminated clothing. Wash the skin with plenty of water. Seek medical attention if discomfort continues. Launder clothing before re-use.

Eye contact: Immediately rinse eyes thoroughly, including under eyelids, with running water for at least 15 minutes. If irritation occurs seek medical advice.
**Ingestion:** Do NOT induce vomiting. Seek immediate medical advice.

**First Aid Facilities:** Provide an eyewash station in the workplace.

**Symptoms:** Not available

**Medical attention:**

### 5 FIRE FIGHTING MEASURES

**Extinguishing media:** Foam, dry chemical or water spray.

**Hazards from combustion products:** No data available.

**Precautions for fire fighters:** Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment. Keep intact containers cool by hosing with water.

**ADDITIONAL INFORMATION:**

**HAZCHEM CODE:** Not relevant

### 6 ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing and boots. Prevent spill from entering drains, sewers or any body of water. Contain and absorb with sand, earth or inert absorbent. Scoop or shovel into sealable containers for disposal in accordance with applicable local, state and federal regulations. Spillage’s May Be Slippery.

### 7 HANDLING AND STORAGE

**Handling:** Not expected to be a hazard, however, keep out of reach of children. Avoid contact with skin (excessive) and eyes and do not inhale spray mist.

**Storage:** Store in dry cool area not classified as DG.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standards:** Not relevant

**Engineering Controls:** Ensure adequate ventilation. Keep container closed when not in use.

**Personal Protective Equipment:**

**EYES:**
Avoid contact with eyes, wear safety glasses when handling concentrate.

**CLOTHING:**
Not relevant

**GLOVES:**
For prolonged use wear gloves.

**RESPIRATORY:**
Not relevant.

**OTHER:**
Do not eat, drink or smoke until after washing. Wash thoroughly after handling.
9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear green liquid
Odour: None
Vapour Pressure: <1 mm Hg @ 20°C.
Vapour Density: Not available
Boiling Point: Not available
Freezing/melting point: Not available
Solubility: Soluble in Water at all concentrations.
Density: 1.06 1.075 @ 20 °C
pH Neat: 12.5 – 13.5
Flashpoint: Non flammable
Flammability (explosive) limits: Not available
Auto-ignition temperature: Not available
Percent volatiles: >35%
Octanol/water partition coefficient: Not available
Formulation: Alkaline detergent sanitiser.

10 STABILITY AND REACTIVITY

Chemical stability: Not available
Hazardous polymerisation: Will not occur
Conditions to avoid: Not available
Incompatible materials: Incompatible with strong oxidising agents
Hazardous decomposition products: Carbon Monoxide
Hazardous reactions: Not available

11 TOXICOLOGICAL INFORMATION

Inhalation: Not considered as an inhalation hazard.
Skin contact: Repeated or prolonged contact may cause dryness and irritation to the skin.
Eye contact: Severe irritant.
Ingestion: May result in nausea, vomiting and stomach pain.
Other: None
ANIMAL TOXICITY DATA – PRODUCT: No data available for the product.
ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:
Acute: Oral toxicity: LD50 rat: Not available
Dermal toxicity: LD50 rabbit: not available
Inhalation toxicity: Not available
Skin irritation: Mild irritant
Eye irritation: Mild irritant
Sensitisation: Not available
Chronic: Chronic effects are not expected to occur with this product.

12 ECOLOGICAL INFORMATION

Fish toxicity: Data not available
Daphnia toxicity: Data not available
Toxicity to algae: Data not available
Bird toxicity: Data not available
Bee toxicity: Data not available
Other: No data available
Environmental fate, persistence and degradation:
13 DISPOSAL CONSIDERATIONS

Do not discharge into drains. Do not incinerate. Dispose of waste material via a licensed waste disposal contractor to a regulated landfill.

14 TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN number:</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Class and Subsidiary Risk:</td>
<td>Not “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>EPG:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Hazchem code:</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

15 REGULATORY INFORMATION

Poison Schedule: 5


SUSMP

16 OTHER INFORMATION

Trademark information: New product MSDS, Reason for update: New, and conversion to 16 heading format.

Preparation information: New product MSDS, Reason for update: New, and conversion to 16 heading format.

Data sources:

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF MSDS