Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product identifier: CROWN MOULDWASH Commercial Strength
Variants: -
Product code(s): EMWS010
Proper shipping name: -
Recommended use: Biocide

Manufacture / Importer details: Resene Paints (Australia) Limited.
7 Production Avenue, Molendinar, Queensland 4214.

Emergency phone numbers:
Available Monday – Friday, 8:00 a.m. – 5:00 p.m.
Free call: 1800 738 383
Phone: 07 3287 0222
Fax: 07 3297 0226
Poisons Information Centre: 131126 [available 24 hours]

SECTION 2. HAZARDS IDENTIFICATION

Classification of the hazardous chemical or mixture according to the criteria of Safe Work Australia

GHS Classification: Skin Corrosion/Irritation Category 2, Serious Eye Damage/Irritation Category 2A.

Label elements

Exclamation mark

Signal word: WARNING

Hazard statements:
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements: Prevention
P264 Wash thoroughly after handling.
P280 Wear protective gloves and eye protection.

Precautionary statements: Response
P321 Specific treatment (see advice on this label).
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332+ P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
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.

Precautionary statements: Storage

Printed: 10/09/15
Resene Paints (Australia) Limited.

Issue No. 02
Prepared: 10/09/2015
Precautionary statements: Disposal
P501 Dispose of contents/container in accordance with local Regulations.

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Name</th>
<th>CAS</th>
<th>% [weight]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quaternary ammonium compounds, benzyl-C12-16 alkyl dimethyl, chlorides</td>
<td>68424-85-1</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>Biphenyl-2-ol</td>
<td>90-43-7</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td></td>
<td>&gt; 60</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

Description of necessary first aid measures

Ingestion
Rinse mouth with plenty of water then provide liquid slowly and as much as the person can comfortably drink.
If swallowed DO NOT induce vomiting. If vomiting occurs, place person on their left side, tilt head back to maintain open airway and to prevent aspiration. Observe patient and seek medical advice.

Eye contact
Immediately flush eyes with fresh water. Continue rinsing for several minutes. Ensure complete irrigation of the eye by holding the eyelids apart and away from the eye. Seek medical attention if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin contact
Flush skin with plenty of water while removing contaminated clothing and shoes. Wash skin with soap if available. Seek medical attention if irritation persists or if a rash develops.

Inhalation
Remove the person from the contaminated area and into fresh air. Allow them to rest and observe. Seek medical attention if breathing is difficult. Seek medical advice if symptoms persist.

First Aid facilities
Safety shower and eye wash facilities.

Symptoms caused by exposure
Contact with skin may cause irritation. Severe eye irritant. May cause permanent damage to eyes if not treated promptly. Inhalation of vapour may cause irritation to the respiratory tract.

Medical attention and special treatment
Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media
Not flammable. Treat fire according to surrounding materials.

Specific hazards
On combustion this product may emit toxic fumes.

Special protective equipment and precautions for fire fighters
Wear breathing apparatus plus chemical protective suit and gloves. DO NOT approach containers suspected of being hot.

Hazchem code
Not assigned.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions,
Avoid contact with spilled or released material. Avoid breathing vapour and avoid
protective equipment and emergency procedures

Contact with skin and eyes. Control personal contact by using protective equipment. Clean up spills immediately.

Environmental precautions

Prevent, by any means available, spillage from entering drains or water course or soil. This product may pose a long-term hazard to the aquatic environment.

Methods and materials for containment and clean up.

Contain and soak up released material with fire-resistant absorbent such as sand, earth or vermiculite. Cover drains to prevent material from entering waterways. Stop leak if safe to do so. Collect absorbent material and seal in labelled drums for proper disposal. Dispose of in accordance with local, state and federal regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes, on skin, or on clothing. Wear personal protection equipment. Do not breathe fumes. When handling, do not eat drink or smoke. Always wash hands with soap and water after handling. Observe proper occupational hygiene work practices. Use only in a well-ventilated area.

Conditions for safe storage including any incompatibilities

Check all containers are clearly labelled and free from leaks. Keep containers securely sealed when not in use. Store in a cool dry, well-ventilated area, away from sources of ignition. Avoid storage with oxidising agents.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Australian national exposure standards

No exposure standard has been established for this product or the components.

Component | TWA ppm | STEL ppm | TWA mg/m³ | STEL mg/m³
--- | --- | --- | --- | ---

Peak limitations

No peak limitations allocated.

Biological monitoring

Not required.

Engineering controls

Use in a well ventilated area. General exhaust is adequate under normal operating conditions. If the risk of overexposure exists, wear an approved respirator.

Individual protection measures including Personal Protection Equipment (PPE)

Eye and face protection

Wear safety glasses or goggles. Avoid wearing contact lenses. Contact lenses pose a special hazard; soft lenses may concentrate and absorb irritants.

Skin protection

Wear chemical protective gloves, e.g. Nitrile or nitrile-butatoluene rubber. Do not use cotton, leather, PVC, rubber or polyethylene gloves as they will absorb the resin. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Protective clothing

Standard issue work wear. Wear safety footwear.

Respiratory protection

Selection of the Class and Type of respirator will depend on the level of confinement of the contamination. The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. Refer to AS1716 for selection of an appropriate respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Cloudy liquid.

Odour

Chlorine like odour
SECTION 10. STABILITY AND REACTIVITY

Reactivity
Corrosive action on metals possible.

Chemical stability
Product is considered stable.

Conditions to avoid
Avoid contamination with incompatible materials.

Incompatible materials
Anionic compounds.

Hazardous decomposition products
None, if storage and handling is done according to specification.

Hazardous reactions
Hazardous polymerisation will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information for this product is not available. Reference is made where possible to the individual constituents of the mixture.

Toxicology Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD_{50}</th>
<th>LC_{50}</th>
<th>Further Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary ammonium compounds, benzyl-C12-16 alkylidimethylchlorides</td>
<td>No data</td>
<td>No data</td>
<td>Carcinogenicity: No Mutagenicity: No Reproductive toxicity: No</td>
</tr>
<tr>
<td>Biphenyl-2-ol</td>
<td>No data</td>
<td>No data</td>
<td>Carcinogenicity: No Mutagenicity: No Reproductive toxicity: No</td>
</tr>
</tbody>
</table>

Acute Health Effects:

Swallowed: May cause gastrointestinal distress. Symptoms may include irritation to the mouth, throat, oesophagus, and stomach with nausea, abdominal discomfort, vomiting and diarrhoea.

Eye: Causes severe eye irritation. Prolonged contact may cause damage to ocular tissue. Initial symptoms may include tearing, stinging, blurred vision and redness.

Skin: Causes skin irritation. May have a corrosive effect on the skin. Symptoms may include dryness, itching, and burning sensation, redness, cracking and swelling depending on the extent of exposure.

Inhaled: In situations where vapours or mists are possible: then irritation of the respiratory tract may occur.

Chronic Health Effects:

No data.

SECTION 12. ECOLOGICAL INFORMATION

This product contains materials that are harmful to the environment and should not be discharged into drains or water courses.
Ecotoxicity: Depending on concentration, toxic effects on activated sludge organisms are possible.

Persistence and Degradability: Product components are rapidly biodegradable. Readily eliminated in the sewage system.

Bioaccumulation: Low potential for bioaccumulation (log Kow < 3).

Mobility: Can be diluted in water.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

PRODUCT: Product/ Rinsates/ Spillage from packaging or equipment are not to be discharged to the environment. Organise disposal with recognised specialised hazardous waste operators.

PACKAGING: Remove all product from packaging and clean thoroughly before recycling.

Special precautions for landfill or incineration: Nil.

SECTION 14. TRANSPORT INFORMATION

UN number: Not regulated under the ADG7
UN proper shipping name: -
Class: -
Subsidiary risk: -
Marine pollutant: No
Packing Group: -
Special precautions for user: -
Hazchem code: -

SECTION 15. REGULATORY INFORMATION

SUSMP: Poison Schedule: 5
AICS: The hazardous components listed in Section 3 of this SDS appear in the Australian Inventory of Chemical Substances (AICS) database.

SECTION 16. OTHER INFORMATION

Date of Preparation: 10th September 2015
Supersedes: 18th March 2010

Literature references:


SDS’s for individual raw materials.

Safe Work Australia: Hazardous Substances Information System:
Exposure Standards:

GHS Hazardous Substances list:

Abbreviations:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADG</td>
<td>Australian Code for the Transport of Dangerous Goods by Road &amp; Rail</td>
</tr>
<tr>
<td>AICS</td>
<td>Australian Inventory of Chemical Substances</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System of Classification and Labelling of Chemicals</td>
</tr>
<tr>
<td>HVICL</td>
<td>High Volume Industrial Chemicals List</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>NOHSC</td>
<td>National Occupational Health and Safety Commission</td>
</tr>
<tr>
<td>SUSMP</td>
<td>Standard for the Uniform Scheduling of Medicines and Poisons</td>
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<thead>
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</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>Chemical Abstract Service registry number</td>
</tr>
<tr>
<td>LD_{50}</td>
<td>Median lethal dose</td>
</tr>
<tr>
<td>LC_{50}</td>
<td>Median lethal concentration.</td>
</tr>
<tr>
<td>TWA</td>
<td>Time weighted average</td>
</tr>
<tr>
<td>STEL</td>
<td>Short term exposure limit</td>
</tr>
</tbody>
</table>

Safety data sheets are updated frequently. Please ensure that you have a current copy.

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END OF SDS