


| SECTION 1 | | IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY /UNDERTAKING | | | |
|--|---|---|--------------------------------------|--|--|
| 1.1 | Product identifier | Alma Pine Disinfectant | | | |
| 1.2 | Relevant identified uses of the substance or mixture, and uses advised against | Disinfectant | | | |
| 1.3 | Details of the supplier of the safety data sheet | Alma Hygiene Limited, 280 Bannow Road, Cabra, Dublin 7, Ireland | | | |
| 1.4 | Emergency telephone number | + 353 1 836 3636 | | | |
| SECTION 2 | | HAZARDS IDENTIFICATION | | | |
| 2.1 | Classification of the substance or mixture under Chip: | Xi R36/38; R21/22 | | | |
| 2.1.2 | Classification of the substance or mixture under CLP: | Classification according to Regulation (EC) No. 1272/2008 [CLP] Aquatic Chronic 1, H410 | | | |
| | | For full text of S- phrases: see SECTION 16 | | | |
| 2.2 | Label Elements | Labelling according to Regulation (EC) No 1272/2008 [CLP] | | | |
| | Hazard pictograms (CLP): |  | | | |
| | Signal word (CLP): | Warning | | | |
| | Hazard statements: | H410 - Very toxic to aquatic life with long lasting effects | | | |
| | Precautionary statements (CLP): | P102 - Keep out of reach of children P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P273 Avoid release to the environment. P391 Collect spillage. Hazardous to the aquatic environment. P501 - Dispose of contents/container to an appropriate local waste system | | | |
| 2.3 | Other Hazards | No presence of PBT and vPvB ingredients. | | | |
| SECTION 3 | | COMPOSITION / INFORMATION ON INGREDIENTS | | | |
| 3.1 | Substances | | | | |
| Chemical Name | Product Identifier | Conc. (% w/w) | Classification (67/548/EEC) | Classification (EC1272/2008) | |
| C12-C14 ALKYDIMETHYLBENZYLAMMONIUM CHLORIDE | (CAS No) 68391-01-5 (EC no) 269-919-4 | < 1% | Xn: R21/22; C: R34; N: R50 | | |
| Isotridecanol, ethoxylated | (CAS No) 69011-36-5 (EC no) 500-241-6 (EU REACH Reg. No.) 01-2119976362-32-XXXX | < 1% | Xn: R22; Xi: R36/38 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411 | |
| DIPENTENE | (CAS No) 138-86-3 (EC no) 205-341-0 (EU REACH Reg. No.) 01-2120766421-57-XXXX | < 1% | R10; Xi:R38; Sens.:R43 N: R50/53. | Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1:H400; Aquatic Chronic 1: H410 | |
| PINE OIL 90 | (CAS No) 8002-09-3 (EC no) 232-350-7 (EU REACH Reg. No.) | < 1% | Xi: R38. | Skin Irrit. 2, H315 | |

| SECTION 4 | | FIRST-AID MEASURES |
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| 4.1 | Description of first aid measures | |
| | Skin contact: | Rinse immediately with plenty of water. Remove contaminated clothing. Contact physician if irritation continues |
| | Eye contact: | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions. |
| | Ingestion: | Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhea. |
| | Inhalation: | Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues. |
| 4.2 | Most important symptoms and effects, both acute and delayed | |
| 4.2.1 | Skin contact: | Prolonged contact may cause redness, irritation and dry skin. |
| 4.2.2 | Eye contact: | Rinse eyes with water until irritation subsides. |
| 4.3 | Indication of any immediate medical attention and special treatment needed | |
| | | No specific first aid measures noted. |
| SECTION 5 | | FIRE-FIGHTING MEASURES |
| 5.1 | Extinguishing media | This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder. |
| 5.2 | Special hazards arising from the substance or mixture | No special hazards known. |
| | Hazardous combustion products | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |
| 5.3 | Advice for firefighters | Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. |
| | Special Fire Fighting Procedures | Keep run-off water out of sewers and water sources. Dike for water control. |
| | Protective equipment for fire-fighters | In case of inadequate ventilation Self contained breathing apparatus and full protective clothing must be worn in case of fire. |
| SECTION 6 | | ACCIDENTAL RELEASE MEASURES |
| 6.1 | Personal precautions, protective equipment and emergency procedures | For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces. |
| 6.2 | Environmental precautions | Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground. |
| 6.3 | Methods and material for containment and cleaning up | Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer. |
| 6.4 | Reference to other sections | For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13. |

| SECTION 7 | | HANDLING AND STORAGE |
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| 7.1 | Precautions for safe handling | Provide good ventilation. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. |
| 7.3 | Specific end use(s) | The identified uses for this product are detailed in Section 1.2 |
| Section 8 | | Exposure Controls |
| 8.1 | Control parameters | UK 8 hour TWA: 560mg/m ³ (TLV) |
| 8.2 | Exposure Controls | Protective equipment |
| 8.2.1 | Eye and face protection: | Wear approved, tight fitting safety glasses where splashing is probable. EN 166 |
| 8.2.2 | Skin protection: | For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended. Simple Design for minimal risk |
| 8.2.3 | Respiratory protection: | Respiratory protection not required. |
| 8.3 | Environmental exposure controls: | Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. |
| SECTION 9 | | PHYSICAL & CHEMICAL PROPERTIES |
| 9.1 | Appearance | Liquid |
| 9.1.1 | Colour | Green / Amber |
| 9.1.2 | Odour | Pine |
| 9.1.3 | Solubility in water | Soluble in water |
| 9.1.4 | Initial boiling point and boiling range | Not applicable. |
| 9.1.5 | Melting point (°C) | Not applicable. |
| 9.1.7 | Relative density | 1.01g/cm ³ typically @20°C |
| 9.1.8 | Vapour pressure | Not applicable. |
| 9.1.9 | pH-Value, Conc. Solution | 6-8 typical |
| 9.1.10 | Viscosity | Not determined |
| 9.1.11 | Solubility Value | Not applicable. |
| Section 10 | | Stability and Reactivity |
| 10.1 | Reactivity | No specific reactivity hazards associated with this product. |
| 10.2 | Chemical stability | Stable under normal temperature conditions. |
| 10.3 | Possibility of hazardous reactions | Not applicable. |
| 10.4 | Conditions to avoid | Avoid exposure to high temperatures or direct sunlight. |
| 10.5 | Incompatible materials | Strong oxidising agents. Strong acids. |
| 10.6 | Hazardous decomposition products | In combustion emits toxic fumes. |

| Section 11 | | Toxicological information |
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| 11.1 | General information | We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. |
| 11.2 | Ingestion | Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract. |
| 11.3 | Skin contact | Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking. |
| 11.4 | Eye contact | May cause temporary eye irritation. |
| Section 12 | | Ecological Information |
| 12.1 | Toxicity | Dangerous for the environment: Very toxic to aquatic life with long lasting effects |
| 12.2 | Persistence and degradability | Surfactant is readily broken down by effluent treatment process. |
| 12.3 | Bioaccumulative potential | The product does not contain any substances expected to be bioaccumulating. |
| 12.4 | Mobility in Soil | Not known |
| 12.5 | Results of PBT and vPvB assessment | This product does not contain any PBT or vPvB substances. |
| 12.6 | Other adverse effects | None known. |
| Section 13 | | Disposal consideration |
| 13.1 | Waste treatment methods | Dispose of waste and residues in accordance with local authority requirements. Packaging is recyclable. Wash out containers with water before disposal. |
| Section 14 | | Transport Information |
| 14.1 | UN number | Non-dangerous Goods |
| 14.2 | UN proper shipping name | Non-dangerous Goods |
| 14.3 | Transport hazard class(es) | Non-dangerous Goods |
| 14.4 | Packing group | Non-dangerous Goods |
| 14.5 | Environmental hazards | Non-dangerous Goods |
| 14.6 | Special precautions for user | Non-dangerous Goods |
| Section 15 | | Regulatory Information |
| 15.1 | Safety, health and env. regulations / legislation specific for the mixture | The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Workplace Exposure Limits EH40. CHIP for everyone HSG(108). |
| 15.2 | Chemical Safety Assessment | Currently we do not have information from our suppliers about this. |

| SECTION 16 | | OTHER INFORMATION | |
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| 16.1 | Other information: | This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. | |
| 16.2 | Phrases used in s.2 and 3: | R21/22 | Harmful in contact with skin and if swallowed. |
| | | R34 | Causes burns. |
| | | R36/38 | Irritating to eyes and skin. |
| | | R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| | | R10 | Flammable. |
| | | R43 | May cause sensitisation by skin contact. |
| | | H315 | Causes skin irritation. |
| | | H317 | May cause an allergic skin reaction. |
| | | H318 | Causes serious eye damage |
| | | 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. |
| | | H226 | Flammable liquid and vapour. |