

| EMERGENCY INFORMATION AND STORAGE GUIDE / DANGEROUS GOODS DECLARATION                                                                                                                                                                                                                                                                                                                                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
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| <b>ALKALI (Liquid)</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| Substance: Colourless liquid containing 136 g/l Sodium Hydroxide (CAS no.1310-73-2) and 60 g/l Potassium Hydroxide (CAS no.1310-58-3)                                                                                                                                                                                                                                                                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S                                                                                                                                                                                                                                                                                                                                                                           |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| UN No.:<br>1719                                                                                                                                                                                                                                                                                                                                                                                                              | DG Class:<br>8                    | Subsidiary Risk Class:<br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Packing Group:<br>II                                                   | Flash Point (°C):<br>N/A      | HAZCHEM:<br>2R           | Marine Pollutant:<br>No            | Land Transport Schedule <sup>1</sup> Exemption Quantity:<br>50L |
| HSNO Classifications: (Approval No: HSR002526)<br><br>6.1D, 8.1A, 8.2B, 8.3A, 9.1D, 9.3C                                                                                                                                                                                                                                                                                                                                     |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        | Tracking Required:<br><br>No  |                          | Approved Handler:<br><br>N/A       |                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          | IER Guide No:<br><br>Not available |                                                                 |
| <b>EMERGENCY PROCEDURES</b> <span style="float: right;">24 HOUR ADVICE IN AN EMERGENCY ONLY: 0800 243 622</span>                                                                                                                                                                                                                                                                                                             |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| <b>IF THIS HAPPENS</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                                   | <b>DO THIS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                        |                               |                          |                                    |                                                                 |
| Tanker/Vehicle Accident                                                                                                                                                                                                                                                                                                                                                                                                      |                                   | Switch off engine and electrical equipment. Keep people away and warn other traffic. Check for spills and leaks. Call the emergency services: Dial 111                                                                                                                                                                                                                                                                                                                                                    |                                                                        |                               |                          |                                    |                                                                 |
| Spill or Leak                                                                                                                                                                                                                                                                                                                                                                                                                |                                   | Wear overalls, chemical-resistant gloves and safety goggles. Prevent further spillage, and by any means prevent spillage from entering waterways. Contain spill and absorb with sand or other suitable material. Place spillage in a sealable container. Wash down affected area with large amounts of water. Dispose of spill container according to the regulations of the local authority.                                                                                                             |                                                                        |                               |                          |                                    |                                                                 |
| Fire                                                                                                                                                                                                                                                                                                                                                                                                                         |                                   | Call the Fire Department: Dial 111. Product is not flammable. No risk of violent reaction or explosion. Fire-fighters should wear full protective clothing suitable for chemical hazards with self contained breathing apparatus. Cool sealed drums with water spray to prevent rupturing. Contain and collect run-off (see Spill or Leak section above). Keep non-involved persons away. Any residues may be washed away with large quantities of water with the consent of the environmental authority. |                                                                        |                               |                          |                                    |                                                                 |
| <b>FIRST AID</b>                                                                                                                                                                                                                                                                                                                                                                                                             |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| If Swallowed:                                                                                                                                                                                                                                                                                                                                                                                                                |                                   | Swallowed product can cause nausea, diarrhoea, burns to the mouth and digestive tract. Rinse mouth. Do NOT induce vomiting. Drink large quantities of water or milk. Call a POISON CENTRE (0800 764 766) or doctor/physician if you feel unwell. If medical advice is needed, have product container or label at hand.                                                                                                                                                                                    |                                                                        |                               |                          |                                    |                                                                 |
| If in Eyes:                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   | Contact with eyes causes serious eye damage. Flush immediately to reduce injury. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing. Call a Poison Centre or doctor/physician if irritation persists.                                                                                                                                                                                                                                    |                                                                        |                               |                          |                                    |                                                                 |
| If on Skin:                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   | Causes severe skin burns. Wear protective clothing when handling product. Wash immediately area affected to reduce injury if contact with skin happens. Remove, take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before re use.                                                                                                                                                                               |                                                                        |                               |                          |                                    |                                                                 |
| If Inhaled:                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   | Remove to fresh air and keep at rest in a position comfortable for breathing. If ill effects persist, contact doctor or poison centre for advice.                                                                                                                                                                                                                                                                                                                                                         |                                                                        |                               |                          |                                    |                                                                 |
| <b>STORAGE AND SEGREGATION SUMMARY</b>                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| Storage: Keep out of reach of children. Store in tightly closed original container in a cool, dry, well-ventilated area out of direct sunlight and away from sources of ignition when not in use. Store away from incompatible materials, food, fertilizers and seeds. See product label for further handling/storage precautions relative to end use of product.                                                            |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| Aggregate Storage Volume Thresholds: When storing products of the same hazard the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Chemicals and the HSNO Regulations.                                                                                                                                                                                                     |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| Location Certificate:<br>N/A                                                                                                                                                                                                                                                                                                                                                                                                 | Hazardous Atmosphere Zone:<br>N/A | Number of Fire Extinguishers:<br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Hazard Class & Emergency Action<br>Signage:<br>250L                    | Emergency Information:<br>N/A | Emergency Plan:<br>1000L | Secondary Containment:<br>100L     |                                                                 |
| DO NOT Store or Load with:<br>Do not Ship with class 8 Acids                                                                                                                                                                                                                                                                                                                                                                 |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Segregate From:<br>Food and Food Containers, DG Classes 1, 5, 7, Acids |                               |                          |                                    |                                                                 |
| Segregation: Check the latest Land Transport Rule Dangerous Goods, Rule45001 for additional information. Sea transport may require additional segregation. Refer NZS5433 Sea Segregation for details.                                                                                                                                                                                                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |                               |                          |                                    |                                                                 |
| No. and Kind of Packages:                                                                                                                                                                                                                                                                                                                                                                                                    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        | Gross Weight: kg              | Volume: m <sup>3</sup>   |                                    |                                                                 |
| Consignor:                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        | Consignee:                    |                          |                                    |                                                                 |
| <b>Dangerous Goods Declaration:</b><br>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled, and are in all respects in proper condition for transport according to all applicable International and National Government Legislation.<br><br>If NOT a Dangerous Goods cross out this box/statement. |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        | Name:                         |                          |                                    |                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        | Title:                        |                          |                                    |                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        | Signature:                    |                          | Date:                              |                                                                 |