

## VICTORY POLYCHEM PVT LTD

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| PRODUCT DATA SHEET  |  |
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| 1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY |  |
| NAME OF THE PRODUCT                                       | <b>POLY CARB-O-DSCALE</b><br><b>HEAVY DUTY LIQUID CARBON &amp; DESCALANT FOR HARD WATER SCALE DEPOSITS WITH HIGH SILICON CONTENT</b>   |
| PRODUCT DESCRIPTION                                       | <ul style="list-style-type: none"> <li>It is designed to remove deposited carbon, mineral scales and metal oxide (rust) deposits and especially hard silica scale deposits in water system.</li> <li>Typical tasks are descaling of condenser, evaporator, heat exchangers, evaporative condensers, boilers, geysers, sola heaters, machines, gear box, steel parts cleaning, vacuum pump decalcifying etc.</li> <li>It can be used on most common metals such as MS, SS, Copper, cast Iron, aluminum and its alloys, copper alloys such as Cu-Ni except zinc and galvanized Surface.</li> </ul> |
| KEY FEATURES & BENEFITS                                   | <ul style="list-style-type: none"> <li>Excellent Hard carbon and rust cleaning efficacy.</li> <li>Excellent for removing of silicates.</li> <li>Inbuilt corrosion inhibitor.</li> <li>Contain special wetting agent for scale penetration.</li> <li>Defoaming property.</li> <li>It has an acidic pH.</li> </ul>   |
| APPLICATIONS  | <ul style="list-style-type: none"> <li>It is ready to use product.</li> <li>It is used only dipping or emersion application</li> <li>Dipping time and temperature is depends on scale, carbon and rust layer on components.</li> </ul>   |
| TECHNICAL DATA  | <ul style="list-style-type: none"> <li>Appearance :- Yellowish Liquid</li> <li>Odor :- Characteristic odor</li> <li>Specific Gravity @RT:- 1 to 1.10</li> <li>pH of solution :-2 (+/-1)</li> <li>Solubility in water :- Water Soluble</li> </ul>   |
| INHIBITION EFFICIENCY ON METAL LOSS                       | <p>POLY CARBO-DSCALE Solution @ 80°C for 12 Hours causes the following metal loss.</p> <ul style="list-style-type: none"> <li>Mild steel :- 7.0 mg/cm<sup>2</sup></li> <li>Copper :- 0.71 mg/cm<sup>2</sup></li> <li>SS 316 :- 0.05 mg/cm<sup>2</sup></li> <li>Brass:- 6.0 mg/cm<sup>2</sup></li> </ul>  |
| PACKING & STORAGE   | <ul style="list-style-type: none"> <li>35 kg/50kg PLASTIC CAN. &amp; Store in a cool, dry, well ventilated place. Use properly labeled and closable containers. Avoid direct sunlight, heat sources, Flame and strong oxidizing agents.</li> </ul>   |

**SAFETY INFORMATION:** - Although this product does not pose a significant hazard to health a good standard of hygiene And housekeeping should be protected when using all type of industrial safety materials. Refer MSDS of the product.