



Hospitality Cleaning Services Inc. info@hcleanings.com  
 200 Viceroy Road, Unit 15 Tel: (905) 762-1293  
 Vaughan, Ontario, L4K 3N8 Fax: (905) 762-1333

|  |  |   |                                       |
|--|--|---|---------------------------------------|
| <b>MATERIAL SAFETY DATA SHEET</b>  |  | <b>Chemical name: CARBSOLVE International</b> |                                       |
| Page 1 of 3  |  | Date issued: 12 April 2013                    |                                       |
| <b>COMPANY DETAILS</b>   |  |   |                                       |
| Name:  | Hospitality Cleaning Services Inc.   | Emergency telephone no:                       | 905 762-1293                          |
| Address:   | 200 Viceroy Road, Unit 15<br>Vaughan, Ontario, L4K 3N8<br>Canada   | Email:  | office@hcleanings.com                 |
|  |  | Telephone:                                    | 905 762-1293, Facsimile: 905 762-1333 |
| <b>1. Product and Company Identification:</b><br>(Page 1 may be used as an emergency safety sheet) |  |   |                                       |
| Trade name:  | CARBSOLVE  | Chemical abstract no:                         | 497-19-8                              |
| Product Description:   | Carbon Remover   |   |                                       |
| Chemical family:   | Alkaline detergent   | NIOSH no:                                     | not applicable                        |
| Chemical name:   | Carbsolve  | Hazchem code:                                 | non hazardous                         |
| Synonymis:   | None   | UN no:  | not applicable                        |
| <b>2. Composition</b>  |  |   |                                       |
| Hazardous Components:  | None as found on the CAS list listing  |   |                                       |
| EEC classification:  | 207-838-8  |   |                                       |
| R Phases:  | Contains Sodium Carbonate<br>R36 –Irritating to eyes<br>S22 – Do not breath dust<br>S26 – In case of contact with eyes, rinse immediately and seek medical advise. |   |                                       |
| <b>3. Hazards Identification</b>   |  |   |                                       |
| Main Hazard:   | Avoid contact with dust.   |   |                                       |
| Flammability:  | Non Flammable – will give off poisonous gas in a fire.   |   |                                       |
| Chemical Hazard:   | 497-19-8   |   |                                       |
| Biological Hazard:   | 7758-29-4  |   |                                       |
| Reproductive Hazard:   | None   |   |                                       |
| <b>3. Hazardous Identification (continued)</b>   |  |   |                                       |
| Eye effects - eyes:  | Irritation and mild burning  |   |                                       |
| Health effects – skin:   | None   |   |                                       |
| Health effects – ingestion:  | < 50g – no effect<br>>50g – upset stomach.   |   |                                       |
| Health effects – inhalation:   | Irritation of respiratory tract  |   |                                       |
| Carcinogenicity:   | Nil  |   |                                       |
| Mutagenicity:  | None   |   |                                       |
| Neurotoxicity:   | Slightly Toxic LD50 0.5 – 5g/kg  |   |                                       |
| <b>4. First Aid Measures:</b>  |  |   |                                       |
| Product in eye:  | Wash copiously with running water for up to 15 minutes<br>Seek medical attention   |   |                                       |
| Product on skin:   | Wash with water.   |   |                                       |
| Product ingested:  | > 50g – induce vomiting, give milk, eggs or olive oil<br>Seek medical attention  |   |                                       |
| Product inhaled:   | Remove from exposure.  |   |                                       |



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| <b>5. Fire Fighting Measures:</b>               |   |
| Extinguishing media:                            | Non flammable   |
| Special Hazards:                                | Nil   |
| Protective clothing:                            | Full chemical suit with self contained breathing apparatus must be worn to combat poisonous gas in a fire.<br>Remove and isolate contaminated clothing at site. |
| <b>6. Accidental Release Measures:</b>          |   |
| Personal precautions:                           | Do not breath dust. Do not ingest powder.   |
| Environmental precautions:                      | Remove spilled material.  |
| Small Spills                                    | Dispose into drain.   |
| Large spills:                                   | Remove spilled material.  |
| <b>7. Handling and storage</b>                  |   |
| Suitable material:                              | Plastic lined bag.  |
| Handling storage precautions:                   | Stored in chemical store, separate from acids<br>Stack – 6 months shelf life – keep container closed.   |
| <b>8. Exposure Controls/Personal Protection</b> |   |
| Occupational exposure limits:                   | None of the components have an individual occupational exposure limit (HSE doc EH 40/93)  |
| Engineering control measures:                   | Extractor fan   |
| Personal Protection – hand:                     | None  |
| Personal Protection – eye:                      | Goggles and mask must be worn.  |
| Personal Protection – skin:                     | None  |
| Other Protection:                               | None  |
| <b>9. Physical and Chemical Properties.</b>     |   |
| Appearance:                                     | White powder.   |
| Odour:  | Odourless   |
| PH:   | 10-11   |
| Boiling point:                                  | Powder form – No boiling point  |
| Melting point:                                  | Powder form – No melting point  |
| Flash point:                                    | No boiling point  |
| Flammability:                                   | Non flammable – Will give off poisonous gas.  |
| Autoflammability:                               | Nil   |
| Explosive properties:                           | Non explosive   |
| Oxidizing properties:                           | Non-oxidising   |
| Vapour pressure:                                | at 20 degrees C - 29.9 mbar   |
| Density:  | (Air = 1) = > 1.0   |
| Solubility – water:                             | Soluble   |
| Solubility – solvent:                           | Insoluble   |
| Solubility – coefficient:                       | unknown   |
| Neurotoxicity:                                  | Slightly Toxic LD50 0.5 – 5g/kg   |
| <b>10. Stability and Reactivity:</b>            |   |
| Conditions to avoid:                            | Fire, Acids<br>Will give off poisonous gas  |
| Incompatible materials:                         | Acids, chlorinated products<br>Will give off poisonous gas  |
| Hazardous decomposition products:               | Poisonous gas   |



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| <b>11. Toxicological Information:</b>  |  |
| Acute toxicity:  | LD50 0.5 – 5g/kg (rat)   |
| Skin and eye contact:  | This preparation is classified as irritant.<br>As with all Detergent type preparations, it may be irritant to sensitive skin.<br>Contact with the eye will cause severe irritation to the eye tissues. |
| Chronic toxicity:  | Classified as slightly toxic   |
| Carcinogenicity:   | Not carcinogenic   |
| Mutagenicity:  | Not mutagenic  |
| Reproductive hazards:  | None   |
| <b>12. Ecological Information</b>  |  |
| Aquatic toxicity – fish  | Non toxic  |
| Aquatic toxicity: daphnia  | Non toxic  |
| Aquatic toxicity - algae   | Non toxic  |
| Biodegradability:  | Bio-degradable with the exception of phosphates  |
| Bio-Accumulation:  | Phosphates >   |
| Mobility:  | unknown  |
| <b>13. Disposal Considerations:</b>  |  |
| Disposal methods:  | Dispose into drain/remove spilled material   |
| Disposal of packaging:   | Recycle  |
| <b>14. Transport Information:</b>  |  |
| No special shipping/transportation requirements are necessary  |  |
| <b>15. Regulatory Information:</b>   |  |
| EEC hazard classification:   | 207-838-8  |
| Risk phases:   | R36  |
| Safety phases:   | S22 / S26  |
| National Legislation:  | None   |
| <b>16. Other Information:</b> The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. |  |