

Carbsolve Safety Data Sheets : Page 1 of 3

Safety Data Sheet (SDS) Section and Heading	Specific Information Elements for: CARBSOLVE SOLUTION Date Issued: 01 January 2025
1 Identification	<p><u>COMPANY DETAILS:</u></p> <p>Name: Hospitality Cleaning Services Inc. Address: 127 Dolomite Drive, North York, ON M3J 2N1. Canada Telephone: Emergency - (416) 739-0434. Email: info@hcleanings.com Telephone: (416) 739-0434, Facsimile: (416 739-0429).</p> <p><u>PRODUCT IDENTIFICATION:</u></p> <p>Trade Name: CARBSOLVE SOLUTION Product Description: Carbon Remover. Chemical Family: Alkaline detergent. Chemical Name: Carbsolve. Synonyms: None. Chemical abstract no: 497-19-8. NIOSH no: Not applicable. Hazchem code: Non-hazardous.</p> <p><u>RECOMMENDED USE:</u></p> <p>Carbsolve Solution is designed to be used together with the Spectank dishwasher soak tank system. The Carbsolve Solution and Spectank equipment are used in conjunction to remove carbon, grease and oil build up on equipment.</p>
2 Hazard identification	<p>Main Hazard: None. Flammability: Non Flammable – will give off poisonous gas in a fire. Chemical Hazard: 497-19-8. Biological Hazard 7758-29-4. Reproductive Hazard: None. Eye effects: Irritation and mild burning. Health effects: skin: None. Health effects: ingestion: < 50g – no effect, > 50g – upset stomach. Health effect: inhalation: Irritation of respiratory tract. No effect once in solution. Carcinogenicity: Nil. Mutagenicity: None. Neurotoxicity: Slightly toxic LD50 0.5 – 5g/Kg.</p>
3 Composition/Information on ingredients	<p>Hazardous Components: None as found on the CAS list listing. EEC classification: 207-838-8. R Phases: Contains Sodium Carbonate. R36 – Irritating to eyes. S22 – None. S26 – In case of contact with eyes, rinse immediately and seek medical advice.</p>
4 First-aid measures	<p>Product Inhaled: Remove from exposure. Product on skin: Wash with water. Product in eye: Wash copiously with running water for up to 15 minutes. Seek medical attention. Product ingested: > 50g – induce vomiting, give milk, eggs or olive oil. Seek medical attention.</p>

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5	Fire-fighting measures	Extinguishing media: non-flammable. Specific hazards: nil. Protective clothing: nil.																																
6	Accidental release measures	Personal precautions: Do not ingest Carbsolve Solution. Environmental Precautions: Remove spilled material. Small spill: Dispose into drain. Large spill: Remove spilled material.																																
7	Handling and storage	Suitable material: Plastic lined bag. Conditions for safe storage: Stored in chemical store, separate from acids, stack (6 month shelf life), keep container closed.																																
8	Exposure controls/ Personal protection	Occupational exposure limits: None of the components have an individual occupational exposure limit (HSE doc EH 40/93). Engineering control measures: Ventilated area. Personal protection – hand: none. Personal protection – eye: goggles and mask must be worn when in contact with concentrate. Personal protection – skin: none. Other protection: none.																																
9	Physical and chemical properties	<table><tr><td>Appearance:</td><td>white solution.</td></tr><tr><td>Odour:</td><td>odourless.</td></tr><tr><td>pH:</td><td>10-11.</td></tr><tr><td>Boiling point:</td><td>212 degrees Fahrenheit.</td></tr><tr><td>Melting point:</td><td>no melting point.</td></tr><tr><td>Flash point:</td><td>no flash point.</td></tr><tr><td>Flammability (solid; gas):</td><td>non-flammable – will give off poisonous gas.</td></tr><tr><td>Auto flammability:</td><td>nil.</td></tr><tr><td>Explosive properties:</td><td>non-explosive.</td></tr><tr><td>Oxidizing properties:</td><td>non-oxidizing.</td></tr><tr><td>Vapour pressure:</td><td>at 20°C – 29.9 mbar.</td></tr><tr><td>Density:</td><td>(Air=1) = >1.0.</td></tr><tr><td>Solubility - water</td><td>soluble.</td></tr><tr><td>Solubility – solvent</td><td>insoluble.</td></tr><tr><td>Solubility – coefficient</td><td>unknown.</td></tr><tr><td>Neurotoxicity</td><td>slightly toxic LD50 0.5 – 5g/kg.</td></tr></table>	Appearance:	white solution.	Odour:	odourless.	pH:	10-11.	Boiling point:	212 degrees Fahrenheit.	Melting point:	no melting point.	Flash point:	no flash point.	Flammability (solid; gas):	non-flammable – will give off poisonous gas.	Auto flammability:	nil.	Explosive properties:	non-explosive.	Oxidizing properties:	non-oxidizing.	Vapour pressure:	at 20°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.
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10	Stability and reactivity	Conditions to avoid: fire, acids; will give off poisonous gas. Incompatible materials: acids, chlorinated products, will give off poisonous gas. Hazardous decomposition products: poisonous gas.																																
11	Toxicological information	Acute toxicity: LD50 0.5-5g/kg (rat). Skin and eye contact: this preparation is classified as irritant. As with all detergent type preparations, it may be irritant to sensitive skin. Contact with eye will cause severe irritation to the eye tissue. Chronic toxicity: classified as slightly toxic. Carcinogenicity: not carcinogenic Mutagenicity: not mutagenic. Reproductive hazards: none.																																

12	Ecological information	<p>Aquatic toxicity – fish: nontoxic. Aquatic toxicity – daphnia: nontoxic. Aquatic toxicity – algae: nontoxic. Biodegradability: biodegradable with the exception of phosphates. Bio-Accumulation: phosphates. Mobility: unknown.</p>
13	Disposal considerations	<p>Disposal methods: dispose into drain/remove spilled material. Disposal of packaging: recycle.</p>
14	Transport information	No special shipping/transportation requirements necessary.
15	Regulatory information	<p>EEC hazard classification: 207-838-8. Risk phases: R36. Safety phases: S22/S26. National Legislation: None.</p>
16	Other information	<p>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 designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.</p> <p>SDS Revised: 01 January 2025</p>