

MATERIAL SAFETY DATA SHEET

Issue Date:12/97

SECTION I
Emergency Telephone Number: 1-800-424-9300 CHEMTREC - All Customers
Identity: DCT Hi-Temp Grill Cleaner
Ingredients/Chemical Name: Sodium Carbonate and other proprietary ingredients
Other: N.A.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION					
Hazardous Ingredients as defined by OSHA, 29 CFR 1910. 1200.					
<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Other Limits Recommended</u>
Carbonic Acid, Disodium Salt **proprietary ingredient	Sodium Carbonate	497-19-8		1 ppm	
DOT Classification: N.A.					

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling point: N.K.	Specific Gravity (H ₂ O=1): 1.272 - 1.277
Vapor Pressure (mm Hg): N.K.	Percent Volatile by Volume (%):N.K.
Vapor Density (Air=1): N.K.	Evaporation Rate (nBuOAc=1): N.K.
Solubility in Water: Complete pH: FS 12.5	Appearance and Odor: Clear yellow liquid with no odor

SECTION IV - FLAMMABILITY AND REACTIVITY		
Flash Point (Method Used): none(PMCC).		
Explosive Limits: LEL: N.K. UEL: N.K.		
Extinguishing Media: Use CO ₂ , water, dry chemical, or foam		
Special Fire Fighting Procedures: None Known		
Unusual Fire Hazards: None Known		
Stability	Unstable: Stable: X	Conditions to Avoid: Temperatures greater than 350° F
Incompatibility (Materials to avoid): **Oxidizing material. Avoid contamination with strong oxidizers and materials that will react with hydroxyl compounds.		
Hazardous Decomposition/By Products: acrid smoke/irritating fumes		
Hazardous Polymerization	May Occur: Will Not Occur: X	Conditions to Avoid: None Known

SECTION V - HEALTH AND SAFETY DATA
Route(s) of Entry: Skin contact, eye contact, and ingestion
Health Hazards (Acute and Chronic): May cause slight to moderate irritation to eyes and/or skin. Normal exposure is not likely to result in the material being absorbed through skin in harmful amounts.
Signs and Symptoms of Exposure: Possible redness and/or swelling to skin. Possible redness, swelling, and/or discharge to eyes. Ingestion may result in vomiting and/or diarrhea. All symptoms are reversible.
Medical Conditions Generally Aggravated by Exposure: Pre-existing dermatitis may be aggravated by prolonged contact with concentrated material.
Emergency and First Aid Procedures: Eye Contact: Hold eyelids open and flush thoroughly with water for at least 15 minutes. If irritation persists, seek medical attention. Ingestion: Drink a glassful of water. Do not induce vomiting. If symptoms persist, seek medical attention. Skin: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes. If irritation persists, seek medical attention. Inhalation: Remove to fresh air. If irritation persists, seek medical attention.
Other: N.A.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE
Precautions to be Taken in Handling and Storing: Store in dry, cool, well-ventilated area away from open flame, heat, ignition sources or other incompatibles.
Other precautions: Keep out of reach of children. For institutional use only.
Steps to Be Taken in Case Material is Released or Spilled: Contain spill. Use water spray to dilute and wash away spills. Follow local ordinances. Prevent spills from reaching waterway. Sorbents may be used.
Waste Disposal Method: Follow all applicable local, state, and federal regulations.

SECTION VII - SPECIAL PROTECTION INFORMATION		
Respiratory Protection (Specify Type): None required with normal use		
Ventilation	Local Exhaust: As Needed	Special: None
	Mechanical (General): Acceptable	Other: None
Eye Protection: None required with normal use. If splashing is likely, goggles or faceshield may be needed.		Protective Gloves: None required with normal use. Protective gloves (neoprene preferred) may be needed if prolonged, direct contact is anticipated.
Other Protective Equipment: suitable eyewash facilities		

*N.A. - Not Applicable

*N.K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

**DIVERSIFIED CHEMICAL
TECHNOLOGIES, INC.**

15477 Woodrow Wilson
Detroit, Michigan 48238

MATERIAL SAFETY DATA SHEET

Dear Customer,

Attached is a Material Safety Data Sheet (MSDS) for our product, **DCT Hi Temp Grill Cleaner**. This MSDS was written to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The intent of the OSHA Standard is to protect workers in industrial situations from hazardous materials in the work place; however, the scope of the Standard covers some cleaning product ingredients. **DCT Hi Temp Grill Cleaner** is "hazardous" within the meaning of the OSHA Hazard Communication Standard because of its sodium carbonate content. Sodium carbonate may be irritating to eyes, skin and mucous membranes. DCT Hi Temp Grill Cleaner does not pose a significant health hazard when used as intended.

Please also note that if you repackage or otherwise redistribute this product to industrial customers, a notice similar to this one should be sent to those customers.

Thank you for your interest in our products.

INC.
Attach.

THE DIVERSIFIED CHEMICAL TECHNOLOGIES,
Environmental/Health & Safety Group

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