

MATERIAL SAFETY DATA SHEET

Issue Date: 10/19/06
 Supersedes: 07/14/05

SECTION I - CHEMICAL PRODUCT		
Identity: 130070		
Brands: DCT HI-TEMP GRILL CLEANER		
Hazard Rating: 2	Health: 2	4=EXTREME
	Flammability: 1	3=HIGH
	Reactivity: 0	2= MODERATE
		1=SLIGHT
Emergency Telephone Number: (800) 424-9300 (24-HR – CHEMTREC)		

SECTION II - COMPOSITION AND INGREDIENTS					
Ingredients/Chemical Name: Carbonic Acid Disodium Salt, Potassium Carbonate and other proprietary ingredients					
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.					
Chemical Name	Common Name	CAS No.	Recommended Limits	Composition Range	LD50/LC50
Carbonic Acid Disodium Salt	Soda Ash	497-19-8		1 - 5	
Potassium Carbonate	Same	584-08-7	OSHA PEL: 15 mg/m3 Total Dust/5 mg/m3 Respirable ACGIH TWA: 10 mg/m3 Total Dust/5 mg/m3 Respirable Dust	10 - 20	
**TS 1016 – Trade Secret			OSHA PEL: 1ppm	35 - 45	
TS 1055 – Trade Secret			ACGIH TWA: 10 mg/m3 mist 5 mg/m3 respirable	10 - 20	

SECTION III - HAZARDS IDENTIFICATION	
Health Hazards (Acute and Chronic):	
Ingestion:	May cause mild gastrointestinal irritation if swallowed.
Eye Contact:	May cause eye irritation upon direct contact.
Inhalation:	May cause irritation if inhaled during prolonged, repeated exposures.
Skin:	May cause chemical burns to skin upon direct contact. May cause moderate to severe skin irritation upon prolonged, repeated exposures.

SECTION IV - FIRST AID INFORMATION	
Emergency and First Aid Procedures:	
Ingestion:	Drink large quantities of water or milk. Do not induce vomiting. Seek prompt medical attention.
Eye Contact:	Hold eyelids open and flush thoroughly with plenty of water for at least 15 minutes. Seek prompt medical attention.
Skin:	Wash skin thoroughly with soap and water for at least 15 minutes. If chemical burns exist or irritation persists, seek prompt medical attention. If spilled on clothing, change clothes.
Inhalation:	For accidental, high level inhalation, remove to fresh air. Get medical attention if irritation persists.
Other: None	

SECTION V - FIRE FIGHTING INFORMATION			
Flash Point (Method Used): none (PMCC)	Explosive Limits:	<i>LEL:</i> N/K	<i>UEL:</i> N/K
Extinguishing Media: Use CO ₂ , water, or dry chemical.			
Special Fire Fighting Procedures: Firefighters should wear structural firefighting gear and SCBA if exposed to vapors or products of combustion			
Unusual Fire Hazards: None Known			

SECTION VI - ACCIDENTAL RELEASE MEASURES
Personal Precautions: Avoid contact with undiluted product. Wash thoroughly with soap and water after handling. Do not take internally. Wear all recommended personal protective equipment when handling product.
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
Steps To Be Taken in Case Large Quantities of Material are Released or Spilled: Put on safety glasses, or goggles, and rubber gloves. Contain spill. Prevent large spills from reaching waterways or sewers untreated. Sorbents may be used. Read "Waste Disposal Method" below for further information.

SECTION VII - HANDLING AND STORAGE
Precautions To Be Taken in Handling and Storing: Avoid eye and skin contact. Store in dry, cool, well-ventilated area away from open flame, heat, ignition sources and other incompatibles. Do not store at elevated temperatures. Keep container sealed when not in use. Wash thoroughly after handling material.
Other Precautions: For Institutional Use Only. Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION
Respiratory Protection (Specify Type): None required with normal use
Ventilation General
Eye Protection: For splash protection, use chemical goggles, safety glasses with side shields and/or faceshield.
Protective Gloves: Chemical-Resistant (neoprene, rubber, PVC preferred) may be needed if prolonged, direct contact is anticipated.
Other Protective Equipment: Suitable eyewash facilities

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
Boiling Point °F: NK	Specific Gravity (H₂O=1): 1.27 – 1.28
Vapor Pressure (mm Hg): N/K	Percent Volatile by Volume (%): N/K
Vapor Density (Air=1): N/K	Evaporation Rate (nBuOAc=1): N/K
Appearance and Odor: Clear, viscous yellow liquid with NO odor	Freezing Point: N/K
Coefficient of Water/Oil Distribution: N/K	pH (F.S.): 12.9 – 13.4
	Solubility in Water: Complete

SECTION X - STABILITY AND REACTIVITY
Possible Hazardous Reactions/Conditions: Avoid contamination with strong oxidizers and materials that will react with hydroxyl compounds.
Conditions to Avoid: Temperatures greater than 350 F
Materials to Avoid: **Oxidizing material. Avoid contamination with strong oxidizers and materials that will react with hydroxyl compounds.
Hazardous Decomposition Products: CO, CO ₂ , and acrid smoke/irritating fumes
Other Recommendations: None
Stability: Stable
Hazardous Polymerization: Will Not Occur

SECTION XI - TOXICOLOGICAL INFORMATION
LD50 (Oral – Rat): .5000 mg/kg

SECTION XII - ECOLOGICAL INFORMATION
N/K

SECTION XIII - DISPOSAL CONSIDERATIONS
Waste Disposal Method: Small quantities: Flush with plenty of water to dilute and/or neutralize with weak acid (i.e. citric acid) prior to discharge to POTW. Follow applicable local ordinances for disposal. Large quantities (i.e. 50 gallons or more): RCRA-corrosive (D002). Neutralization is preferred. Do not allow to enter sewers or waterways untreated. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION XIV - TRANSPORT INFORMATION

DOT Classification: This material is regulated by the U.S. Department of Transportation.

For finished packaged product transported by ground: **Corrosive Liquids, n.o.s. (contains potassium carbonate), 8, UN 1760, PG III, Ltd Qty**

For finished packaged product transported by sea: **Corrosive Liquids, n.o.s. (contains potassium carbonate), 8, UN 1760, PG III, Ltd Qty**

For finished packaged product transported by air: **Corrosive Liquids, n.o.s. (contains potassium carbonate), 8, UN 1760, PG III, Ltd Qty**

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All components are listed on the US TSCA Inventory.

All ingredients are listed on the Canadian DSL Inventory. The Canadian WHMIS classification is: Class DB2 (Stylized T) and Class E (Corrosive Material).

SECTION XVI - OTHER INFORMATION

*N/A. - Not Applicable

*N/K. - Not Known

F.S. – Full Strength

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.

The information contained herein has been compiled from sources considered by Diversified Chemical Technologies, Inc. to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Diversified Chemical Technologies, Inc. assumes no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.