

# MATERIAL SAFETY DATA SHEET

Product Name (As used on label & list): EXCELL		Description: Liquid water based alkaline cleaner (pH 9.3-9.5)	
HMIS RATING  Health: 1 Flammability: 0 Reactivity: 0 Pers. Prot.: B		HAZARD RATINGS  0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme	
SECTION I			
Manufacturer's Name: CFR, a Tacony Company		Emergency Telephone Number: 1-800-424-9300	
Address (number, street, city, state, zip code): 3101 Wichita Court Fort Worth TX 76140-1710		Telephone Number for information: 800-880-2913 or Website <a href="http://www.cfrcorp.com">www.cfrcorp.com</a> DATE PREPARED/UPDATED: September 23, 2002	
SECTION II Hazardous Ingredients - Identity Information			
The criteria for listing components in this section is as follows: Carcinogens are listed components which are otherwise hazardous according to OSHA are listed when present at 1.0% components are not listed. This is not a complete composition disclosure.			
Hazardous Components (specific chemical identity common name)	-CAS NUMBER	OSHA PEL	ACGIH TLV % (optional)
Sodium Sesquicarbonate	533-96-0	N/A	N/A < 10%
Sodium Carbonate	497-19-8	N/A	N/A < 5%
Sodium Octyl Sulfate	142-31-4	N/A	N/A < 10%
Alkyl diphenyloxide disulfonate	036445-71-3	N/A	N/A < 5%
	070146-13-3	N/A	N/A
SECTION III Physical/Chemical characteristics			
Boiling Point: 212-214°F	Vapor Pressure (mm Hg.): same as water	Vapor Density (AIR =1):	same as water
Melting Point: N/A	Specific Gravity (H2O 1.06/1.10)	Evaporation Rate (butyl Acetate=1):	same as water
Solubility in Water: completely soluble			
Appearance & Odor: Clear, light straw liquid with fresh linen fragrance			
SECTION IV Fire and Explosion Hazard Data			
Flash Point (Method used): None		Flammable Limits:	
LEL: N/A	UEL: N/A		
Extinguishing Media: Product does not burn. Upon evaporation of water, Surfactant may burn; use medium			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: None known			
SECTION V Reactivity Data			
Stability		Unstable/Stable	
Conditions to Avoid: Do not mix with acids, as product is alkaline			
Incompatibility (Materials to avoid): Do not mix with acids; no hazards exist here, only neutralization from strong Oxidizing agents.			
Hazardous Decomposition or By-product: Small amounts of CO <sub>2</sub> , NO <sub>2</sub> , H <sub>2</sub> O, & very small amount of SO <sub>2</sub>			
Hazardous Polymerization:		May Occur:	Will not occur: X

SECTION VI  
Health Hazard Data

Route(s) of Entry:	Inhalation: Yes	Skin?: Yes	Ingestion Yes?:	Eyes? Yes:
Health Hazards (Acute and Chronic): Avoid breathing mists of product, can cause nose, throat and respiratory tract irritation.				
Carcinogenict No Y:	NTP? No:	IARC Monographs?:	No	OSHA Regulated?: N/A
Signs and Symptoms of Exposure: Irritated skin possible. Eye irritation may occur. If ingested				
Medical Condition Generally Aggravated by Exposure: None known				
Emergency and First Aid Procedures: If eye or skin contact: flush with cool running water for at least 15 minutes. Seek medical attention if irritation persists. If swallowed; rinse mouth with water. Do not induce vomiting. If inhaled; move to fresh air. If inhaled from breathing mists, move to fresh air. If inhaled from breathing mists, move to fresh air.				

SECTION VII  
Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: absorbent material and shovel spent material into container for disposal. Rinse container with vacuum (wet/dry type) using defoaming agent. Use	
Waste Disposal Method: Product should be disposed of according to all applicable laws. Product does not present a hazard in so far as is known.	
Precautions to Be Taken in Handling and Storing: Keep containers tightly closed when not in use. Store in cool area. Keep from freezing. See label use directions.	
Other Precautions:	

SECTION VIII  
Control Measures

Respiratory Protection (Specify Type):		
Ventilation:	Local Exhaust:	Adequate Special None:
Mechanical (General):	Not required	Other None:
Protective Gloves:	Waterproof type is desired	Eye Protection: Standard goggles or face mask.
Other Protective Clothing or Equipment: None		
Work/Hygienic Practices: Wash exposed skin after use.		