

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 www.cfrcorp.com DATE: September 23, 2002 PREPARED/UPDATED:	
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 - CAS common name)	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 ₂ , NO ₂ , H ₂ O, & very small amount of SO ₂ in product.			
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): Can cause eye irritation. May cause skin irritation. Harmful.				
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 immediately: If air passages are irritated from breathing mists, move to fresh air. If

SECTION VII
Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Recover with vacuum (wet/dry type) using defoaming agent. Do not use absorbent material and shovel spent material into container for disposal. Rinse contaminated surfaces with water.

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.