



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 11583
<b>PRODUCT NAME:</b> SAF-T-BRITE 220 NC				
<b>USE:</b> General Purpose Paper Machine Cleaner				
<b>SUPPLIER:</b> JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			<b>EMERGENCY PHONE:</b>  <b>1-800-668-7171</b>	
<b>WHMIS CLASSIFICATION:</b> D2B <b>CHEMICAL FAMILY:</b> Alkali			<b>TRADE NAME / SYNONYMS:</b> not applicable <b>CHEMICAL NAME:</b> not applicable	
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium silicate	1-5	001344-09-8	LD50 3300 mg/kg	oral/rat
Linear alcohol ethoxylate	1-5	068439-46-3	LD50 1378 mg/kg	oral/rat
Sodium dodecyl benzene sulfonate	1-5	025155-30-0	LD50 1260mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>				
<b>Gloves:</b> Natural Rubber or Neoprene		<b>Eye:</b> safety glasses		<b>Footwear:</b> not required
<b>Respiratory:</b> If mists are generated, use NIOSH approved mask		<b>Other:</b> not required		
<b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid eye and prolonged skin contact. Do not breathe mists or spray.				
<b>VENTILATION REQUIREMENTS:</b> general ventilation				
<b>INCOMPATIBILITY (Material to Avoid):</b> Strong acids, strong oxidizers.				
<b>SPILL PROCEDURES:</b> Contain the spill. Mop up or soak up with absorbent clay for disposal. Wash spill area with large volumes of water.				
<b>WASTE DISPOSAL:</b> Dispose according to municipal, provincial, and federal regulations.				
<b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container. Avoid freezing.				
IV - PHYSICAL PROPERTIES				
<b>APPEARANCE / ODOUR:</b> Clear yellow liquid; very mild odour.				
<b>S.G. / BULK DENSITY(g/cc):</b> 1.02 ± 0.015		<b>pH:</b> (concentrate) 11.5 ± 0.5		
<b>VAPOUR PRESSURE (mmHg):</b> not available		<b>VAPOUR DENSITY (air=1):</b> not available		
<b>ODOUR THRESHOLD:</b> not available		<b>BOILING POINT:</b> approx. 100°C		
<b>FREEZING POINT:</b> 0°C		<b>PERCENT VOLATILE:</b> 88%		
<b>SOLUBILITY IN WATER:</b> soluble		<b>EVAPORATION RATE (water=1):</b> <1		
V - TOXICOLOGICAL PROPERTIES				
<b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b>				
<b>EYES:</b> May cause irritation. No serious or irreversible effects expected if treated promptly.				
<b>SKIN:</b> Repeated or prolonged contact may result in irritation.				
<b>INGESTION:</b> May cause irritation of the digestive tract.				
<b>INHALATION:</b> Breathing spray or mist may cause respiratory irritation.				

<b>LD50 (calculated):</b> not available	<b>LC50 (calculated):</b> not available
<b>OTHER TOXIC EFFECTS:</b> none known	
<b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> none known.	
<b>VI - FIRST AID MEASURES</b>	
<b>EYES:</b>	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.
<b>SKIN:</b>	Flush affected area thoroughly with water. If irritation develops, contact a physician.
<b>INGESTION:</b>	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician.
<b>INHALATION:</b>	Remove patient to fresh air.
<b>VII - FIRE AND EXPLOSION DATA</b>	
<b>FLAMMABLE:</b> No.	
<b>FLASH POINT, °C:</b> not applicable	<b>AUTO IGNITION TEMPERATURE, °C:</b> N/Ap
<b>EXTINGUISHING MEDIA:</b> Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> not required.	
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of carbon.	
<b>EXPLOSIVE SENSITIVITY TO:</b> not applicable	
<b>VIII - REACTIVITY DATA</b>	
<b>STABILITY:</b> Stable [x] Unstable [ ]	
<b>CONDITIONS TO AVOID:</b> Not applicable.	
<b>INCOMPATIBILITY (Material to Avoid) :</b> Strong acids, strong oxidizers.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat released on contact with acids.	
<b>REACTIVITY:</b> not dangerously reactive.	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> RTECS	<b>PREPARED BY:</b> JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> April 6, 2004	
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