



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11605

PRODUCT NAME: ALTROX P**USE:** Paper Mill Cleaner**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** C E**CHEMICAL FAMILY:** Oxidizer**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium percarbonate	10-30	015630-89-4	LD50 2000 mg/kg	oral/rat
Sodium hydroxide	5-10	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium metasilicate	10-30	006834-92-0	LD50 1153 mg/kg	oral/rat
Sodium tripolyphosphate	10-30	007758-29-4	LD50 4100 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Natural rubber, neoprene or nitrile**Eye:** Safety goggles**Footwear:** As required**Respiratory:** NIOSH-approved dusk mask, as required**Other:** Not normally required.**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid breathing dust. Avoid eye or skin contact.**VENTILATION REQUIREMENTS:** General ventilation.**INCOMPATIBILITY (Material to Avoid):** Salts of heavy metals, metals, acids, alkalis, combustible organic matter.**SPILL PROCEDURES:** Sweep or scoop up material for disposal.**WASTE DISPOSAL:** Dispose according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White crystalline powder**S.G. / BULK DENSITY(g/cc):** 0.95**pH:** (1% solution): 11.8**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not applicable**BOILING POINT:** not applicable**FREEZING POINT:** not applicable**PERCENT VOLATILE:** not applicable**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.**SKIN:** May cause irritation.**INGESTION:** May cause severe irritation of the digestive tract.**INHALATION:** Breathing dust may cause respiratory irritation.

LD50 (calculated): not determined	LC50 (calculated): not determined
OTHER TOXIC EFFECTS: TLV-CL (sodium hydroxide) 2 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
SKIN:	Flush affected area thoroughly with water. If irritation develops, contact a physician.
INGESTION:	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No.	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/Ap
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☐ Carbon Dioxide ☐ Foam ☐ Other ☐	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable ☒ Unstable ☐	
CONDITIONS TO AVOID: Moisture, high humidity and temperatures above 40°C.	
INCOMPATIBILITY (Material to Avoid) : Salts of heavy metals, metals, acids, alkalis, combustible organic matter.	
HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen and heat. Combustion supporting oxygen released when heated.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, Perborate MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: August 19, 2004	
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