



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4567

PRODUCT NAME: EGG CAPS**USE:** Chlorinated eggwashing compound**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B E**CHEMICAL FAMILY:** Chlorinated Alkali**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	30-60	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium carbonate	10-30	000497-19-8	LD50 4090 mg/kg	oral/rat
Sodium tripolyphosphate	30-60	007758-29-4	LD50 4100 mg/kg	oral/rat
Sodium dichlorisocyanurate	0.1-1	002893-78-9	LD50 700 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Natural rubber, Neoprene, Nitrile or PVC**Eye:** safety glasses**Footwear:** not required**Respiratory:** NIOSH approved dust mask**Other:** rubber apron**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:**

Avoid breathing dust. Rapid mixing of this product with water generates heat and dangerous boiling can result. Always add this product to cold water slowly and with good mixing.

VENTILATION REQUIREMENTS: mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** Acids, reducing agents, ammonia and amines.**SPILL PROCEDURES:** Sweep or scoop up material for disposal. Wash spill area with large volumes of water.**WASTE DISPOSAL:** Dispose according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Store in a cool dry area in a closed container. UN1823

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White, free-flowing powder**S.G. / BULK DENSITY(g/cc):** 1.35**pH:** not available**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not available**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:** Corrosive. May cause severe irritation.**INGESTION:** Corrosive. May cause severe irritation of the digestive tract.

INHALATION: Corrosive. Breathing dust may cause respiratory irritation.	
LD50 (calculated): 975 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: TLV - CL (sodium hydroxide) 2 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available	
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 [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Chlorine gas. Oxides of carbon, nitrogen.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: not applicable	
INCOMPATIBILITY (Material to Avoid) : Acids, reducing agents, amines and ammonia.	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with acids will produce heat and release chlorine gas. Reducing agents can generate heat releasing chlorine. Contact with ammonia and nitrogen containing compounds can produce nitrogen gas and chloramines.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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