

MATERIAL SAFETY DATA SHEET

Maunco Cleaning Supplies Warehouse
 270 Adam Street
 Belleville ON K8N 5S4
 Tel: 613.962.0437

PRODUCT INFORMATION

PRODUCT NAME <i>Dish Care Chlorinated Granules</i>	WHMIS CLASS: <i>E D2A</i>
CHEMICAL FAMILY <i>INORGANIC SALTS</i>	

PHYSICAL PROPERTIES

APPEARANCE AND ODOUR	POWDER	WHITE	ODORLESS
BOILING POINT (°C)	N/Av	EVAPORATION RATE (nBuAc= 1)	N/Av
VAPOR PRESSURE (mm Hg)	N/Av	VISCOSITY (cps) 22°C 20rpm spindle #	N/Av
VAPOR DENSITY (AIR = 1)	N/Av	FREEZING POINT (°C)	N/Av
SOLUBILITY IN WATER	COMPLETE	pH	14,0
VOLATILE BY VOLUME (%)	1,0	SPECIFIC GRAVITY (WATER = 1)	N.Av.
ACTIVE MATERIAL (%)	N.Av.	THEORETICAL SOLID CONTENTS (%)	99,0

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS OR UN number	%	TLV (units) ACGIH
SODIUM METASILICATE	CAS 6834-92-0	10-30	N.Av.
SODIUM HYDROXIDE	CAS 1310-73-2	1-5	2 mg/mètre cube
SODIUM CARBONATE	CAS 497-19-8	15-40	N.Av.
SODIUM DICHLOROISOCYANURATE DIHYDRATE	CAS 51580-86-0	1-5	N.Av.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): <i>non-flammable</i>	
FLAMMABLE LIMITS	LOWER: <i>N/Av</i> UPPER: <i>N/Av</i>
EXTINGUISHING MEDIA:	<i>N/Av</i>
SPECIAL FIRE FIGHTING PROCEDURES:	<i>N/Av</i>
UNUSUAL FIRE AND EXPLOSIVE HAZARDS:	<i>N/Av</i>
AUTOIGNITION TEMPERATURE:	<i>N/Av</i>
DATE: <i>August 3, 2013</i>	phone:(450) 687-6666 1-800-661-6660 Marc Lessard,chemist
	DIRECTOR R&D

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TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: N.Av.

EFFECTS OF OVEREXPOSURE:

SKIN CONTACT: CAUSES SEVERE IRRITATION WITH BLISTERING AND ECZEMA

EYE CONTACT: CAUSES SEVERE IRRITATION OF THE MUCUOUS MEMBRANCES.MAY CAUSE SEVERE EYE DAMAGE

INHALATION IRRITATION OF THE NOSE AND THROAT, COUGHING, DIFFICULTY BREATHING;MAY CAUSE PULMONARY EDEMA

INGESTION BURNING IN THE MOUTH AND THROAT, ABDOMINAL CRAMPS, NAUSEA, VOMITING, DIARRHEA, SHOCK, MAY LEAD TO CONVULSIONS, COMA AND DEATH

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL HELP PROMPTLY

EYE CONTACT: WASH THOROUGHLY WITH CLEAN WATER FOR AT LEAST 15 MINUTES; GET MEDICAL HELP PROMPTLY

INHALATION REMOVE TO FRESH AIR AND OBTAIN MEDICAL HELP IMMEDIATELY

INGESTION GET MEDICAL HELP IMMEDIATELY. RINSE OUT MOUTH WITH WATER, GIVE LARGE QUANTITY OF WATER TO DRINK. DO NOT INDUCE VOMITING

REACTIVITY DATA

STABLE: UNSTABLE

CONDITIONS TO AVOID: TEMPERATURES»250°C, WATER

INCOMPATIBILITY WITH: ORGANIC MATERIAL, EASILY CHLORINATED OR OXIDIZED MATERIALS, AMMONIUM SALTS

HAZARDOUS DECOMPOSITION PRODUCTS: NITROGEN TRICHLORIDE (EXPLOSIVE), CHLORINE, CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: NO CONDITIONS TO AVOID: N/Av

SPILL OR LEAK PROCEDURES

PREVENTIVES MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
RINSE WELL WITH WATER

WASTE DISPOSAL METHOD:

FOLLOW FEDERAL, PROVINCIAL AND LOCAL ORDINANCES FOR DISPOSAL OF ALCALI DETERGENTS

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: CANISTER-TYPE RESPIRATORS FOR CHLORINE

VENTILATION ADEQUATE TO HAVE NO EVIDENCE OF EYE NOSE OR THROAT IRRITATION

PROTECTIVE GLOVES: RUBBER P.V.C.

EYE PROTECTION: TIGHT-FITTING GOGGLES

OTHER PROTECTIVE EQUIPMENT: RUBBER BOOTS & APRON, SAFETY SHOWERS & EYES WASH FOUNTAIN

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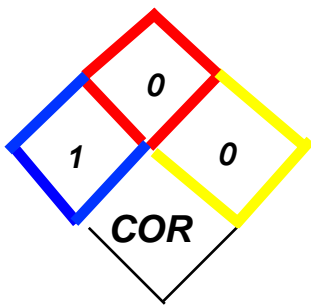
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SPECIAL PRECAUTIONS

<i>STORAGE TEMPERATURE</i>	<i>MIN 1°C</i>	<i>MAX 29°C</i>
<i>TDG: CORROSIVE SOLIDS, BASIC, INORGANIC, NOS(SODIUM HYDROXIDE) UN 3262 CLASS 8 PQ.GR. II PLACARDS 8 LABELS 8 + WAY-UP. STORE IN COOL DRY LOCATION AWAY FROM COMBUSTIBLE MATERIALS</i>		

NFPA



SIMD / HMIS

<i>Santé / Health</i>	<i>1</i>
<i>Inflammabilité / Flammability</i>	<i>0</i>
<i>Réactivité / Reactivity</i>	<i>0</i>
<i>Protection personnelle / Personal protection</i>	<i>e</i>