

MATERIAL SAFETY DATA SHEET / page 1

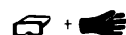
RSH 12

HAZARD RATING
HAZARD CODE



4- SEVERE
3- SERIOUS
2- MODERATE
1- SLIGHT
0- MINIMAL

FIRE HAZARD (0)
HEALTH HAZARD (4)
REACTIVITY (2)
PERSONAL PROTECTION (R)



SECTION I: PRODUCT IDENTIFICATION

TRADE NAME AND SYNONYMS	CHEMICAL FORMULA	MATERIAL USE
RSH 12	Proprietary	Sodium hypochlorite

SECTION II: HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION (%)	CAS. NA OR UN NUMBERS	LD ₅₀ (SPECIFY SPECIES & ROUTE)
Sodium hypochlorite	10-13	7681-52-9	8 mg/kg (Oral-Rat)

The other ingredients are not hazardous.

SECTION III: PHYSICAL DATA OF MATERIAL

PHYSICAL STATE	pH (1%)	ODOUR AND APPEARANCE	
Liquid	Alkaline	Chlorine-yellowish	
% VOLATILE (BY VOL.)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	VAPOUR DENSITY (AIR-1)
N/AV	N/AV	N/AV	N/AV
EVAPORATION RATE	BOILING POINT (°C)	FREEZING POINT (°C)	SOLUBILITY IN WATER (20°C)
N/AV	N/AV	N/AV	Complete
N/A = Not Applicable			N/AV = Not Available

SECTION IV: FIRE AND EXPLOSION HAZARD

MEANS OF EXTINCTION Vaporised water, foam of carbon dioxide. HAZARDOUS COMBUSTION PRODUCTS CO, CO₂ products of combustion. SPECIAL PROCEDURES N/A	FLAMMABILITY NO IF YES UNDER WHAT CONDITIONS? N/A FLASH POINT (°C) AND METHOD N/A UPPER EXPLOSION LIMIT (% BY VOLUME) N/A LOWER EXPLOSION LIMIT (% BY VOLUME) N/A
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SECTION V: REACTIVITY DATA		
CHEMICAL STABILITY YES IF NO, UNDER WHAT CONDITIONS? N/A INCOMPATIBILITY TO OTHER SUBSTANCES YES IF SO, WHICH ONES? Acids and Ammonia.	REACTIVITY AND UNDER WHAT CONDITIONS? When in contact with acids and ammonia. HAZARDOUS DECOMPOSITION PRODUCTS CO, CO₂ are also the products of decomposition .	
SECTION VI: TOXICOLOGICAL PROPERTIES		
ROUTE OF ENTRY Skin contact Eye contact Ingestion EFFECTS OF ACUTE EXPOSURE TO MATERIAL SKIN : Causes severe irritation. EYES: Causes severe irritation. INGESTION : May causes irritation, abdominal pain, diarrhea.	EXPOSURE LIMITS N.AV. CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY None	
SECTION VII: PREVENTIVE MESURES		
PERSONAL PROTECTIVE EQUIPMENT GLOVES (SPECIFY) Rubber EYES (SPECIFY) Safety goggles RESPIRATORY (SPECIFY) Respirator OTHER (SPECIFY) None	ENGINEERING CONTROLS (E.G. VENTILATION, ENCLOSED PROCESS SPECIFY) N/A LEAKS AND SPILLS PROCEDURE Wash away with water. WASTE DISPOSAL Neutralize and then dispose according to local laws. HANDLING PROCEDURES AND EQUIPMENT N/A STORAGE REQUIREMENTS Steel or plastic. Store at 20°C to 30°C. Keep lid closed. SPECIAL SHIPPING INFORMATION Shipping temperature has to be between 20°C and 30°C.	
SECTION VIII: FIRST AID MEASURES		
SKIN: Flush skin with abundant water for 15 minutes. If irritation persists, seek medical attention. EYES: Flush eyes with abundant water for 15 minutes. If irritation persists, seek medical attention. INGESTION : Drink 3-4 glasses of water, do not induce vomiting. Consult physician.		
SECTION IX: EMERGENCY NUMBER		
PREPARED BY	PHONE NUMBER	DATE
Technical Department	Tel: 514-745-2597	April 11, 2016
SECTION X: W.H.M.I.S. Classe(s) : E		
SHIPPING :	Corrosive liquids N.O.S. / Sodium Hypochlorite	