MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

terial Name STONE MASON EFFLORESCENCE CLEANER

Manufacturer's Name		Supplier's Name	
U.S.E.HICKSON PRODUCTS LTD.			
Street Address		Street Address	
15 WALLSEND DRIVE			
City	Province	City	Province
SCARBOROUGH	ONTARIO		
Postal Code	Emergency Tele. #	Postal Code	Emergency Tele. #
M1E 3X6	416-724-2000		

HAZARD RATING

HEALTH ....:1 FLAMMABILITY ...:0
REACTIVITY :0 PERSONAL .:C
PROTECTION

Chemical Name	Chemical Family	Chemical Formula
N/A	HYDROCHLORIC ACID	H 316-EFF
Molecular Weight	Trade Name & Synonyms	Material Use
	EFFLORESCENCE CLEANER	CLEANER/DESCALER

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

RANGE OF CONCENTRATION OF INGREDIENTS %
(a) 0.1 - 1.0 (b) 0.5 - 1.5 (c) 1 - 5 (d) 3 - 7 (e) 5 - 10
(f) 7 - 13 (g) 10 - 30 (h) 15 - 40 (i) 30 - 60 (j) 40 - 70 (k)60-100

Hazardous Ingredients	Approx. Conc. %	U.N. C.A.S Numbers	Exposure Limits	LD /LC 50 50 Species & Route
HYDROCHLORIC ACID	(e)	7641-01-0	5 p.p.m.	LC 50 INHALATION RAT 3124 p.p.m. 1 HOUR
NONYL PHENOL	(a)	25154-52-3	N.D.A.	LD50 ORAL RAT <5 gm/kg

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State	Odour and Appearance		Odour Threshold
Gas_ LiquidX Solid_	ACRID ODOUR, CLEAR RED LIQUID		(p.p.m)N.D.A.
Specific Gravity	Vapour Pressure(mm)	Vapour Density	Evaporation
1.[illegible] +- 0.01	20	(Air=1)N.D.A.	Rate N.D.A.
Boiling Point	Freezing Point	Solubility in	% Volatile
(Deg. C) 95-100	(Deg. C) N.D.A.	Water (20C)INFINITE	(by Volume)N.D.A.
pH	Density(g/ml)	Coefficient of Water/Oil	

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes_ NoX — If yes, under which conditions?

Means of Extinction AS FOR SURROUNDING FIRE

Special Procedures PROTECT AGAINST CORROSIVE LIQUIDS AND VAPOURS

Flashpoint (Deg. C) and Method N/A	Upper Explosion Limit (% by Volume) N/A	Lower Explosion Limit (% by Volume) N/A
Auto Ignition Temp. (Deg. C) N/A	TDG Flammability Classification N/A	Hazardous Combustion Products HCL RELEASED WHEN HEATED
Explosion Data Sensitivity to Chemical Impact N/A	Rate of Burning N/A; Explosive Power N/A	Sensivity to Static Discharge N/A

Section V - Reactivity Data

Chemical Stability YesX No_ — If no, under which conditions?

Incompatability to other substances Y_X No_ — If so, which ones? CONTACT WITH MOST METALS CAUSES HYDROGEN GAS

Reactivity and under what conditions HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

Hazardous Decomposition Products TOXIC AND CORROSIVE GAS AND VAPOUR (HCl) MAY BE RELEASED BY DECOMPOSITION.

SECTION VI - TOXICOLOGICAL PROPERTIES OF THE PRODUCT

Route of Entry XSkin Contact _Skin Absorption XEye Contact _Inhalation Acute _Inhalation Chronic XIngestion

Effects of Acute Exposure to Product SEVERE IRRITATION TO EYES SKIN AND THROAT IF INGESTED, SEVERE BURNS TO MOUTH THROAT AND STOMACH.

Effects of Chronic Exposure to Product PROLONGED EXPOSURE TO SKIN MAY CAUSE IRRITATION AND DERMATITIS.

LD 50 of Product NDA (Species & Route)	Irritancy of Product IRRITANT	Exposure Limits of Product N.D.A.
LC 50 of Product N.D.A. (Species)	Sensitization to Product MAY OCCUR	Synergistic Materials N.D.A.

Carcinogenicity N.D.A. _Reproductive Effects N.D.A. _Teratogenicity N.D.A. _Mutagenicity N.D.A.

CTION VII - PREVENTATIVE MEASURES

Personal Protective Equipment

Gloves (specify) NEOPRENE,P.V.C.	Respiratory (specify) N/A	Eye (specify) SAFETY GLASSES/GOGGLES
Footwear (specify) CSA APPROVED	Clothing (specify) IMPERVIOUS TO COVER SKIN	Other (specify) EYE WASH STATION

Engineering Controls (eg Ventilation, Enclosed process, specify)
LOCAL EXHAUST RECOMMENDED

Leak and Spill Procedure CONTAIN LEAK OR SPILL.ABSORB WITH INERT MATERIAL. NEUTRALIZE WITH SODA ASH OR SLAKED LIME.

Waste Disposal IN ACCORDANCE WITH GOVERNMENT REGULATIONS

Handling Procedures and Equipment STORE IN PLASTIC CONTAINERS.

Storage Requirements COOL DRY AREA AWAY FROM HEAT AND METALS.

Special Shipping Information NOT REGULATED

SECTION VIII - FIRST AID MEASURES XX - OBTAIN MEDICAL ATTENTION IMMEDIATELY

Skin FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING.

Eye FLUSH WITH WATER FOR 20 MINUTES. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

Inhalation REMOVE TO FRESH AIR

Ingestion DRINK 1 - 2 GLASSES OF WATER OR MILK. OBTAAIN MEDICAL ASSISTANCE.

General Advice KEEP OUT OF REACH OF CHILDREN.

SECTION IX - PREPARATION DATA OF MATERIAL SAFETY DATA SHEET

Additional Information/Comments

Sources Used RAW MATERIAL M.S.D.S.'S

Prepared By: HAW Phone number: 519-759-2443

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NOTE, N/A = "NOT APPLICABLE" NDA = "NO DATA AVAILABLE"

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