Sch	olAR	[™] M⊿	ATERIA		ETY D	ATA SHEET 9703606	
	mist		. Henrietta Rd. enrietta, NY 1451	86 MS		9703608 9704100 9717201 9718304	
SECTION		TEL: (8 NAME	66) 260-0501		ective Date:	April 8, 2004	
Product					34-3000 A	NCY ASSISTANCE	
Chemical	Hydrochlor	ic Acid Solution			NEDA 00 Health 3		
Synonyms	Hydrochlor	ic Acid, Water Soluti	ion			Flammability 0 Reactivity 2	
Formula	Mixture.			_ 1	ARD RATING	WHMIS	
CAS No.	Mixture.			Minima 0	Minimal Slight Moderate Serious Severe 0 1 2 3 4		
SECTION		DANGER	OUS INGR	EDIENT	S		
Name					%	TLV Units	
Hydro	ochloric acid: (CAS No. 7647-01-0))		1.57 - 10%	TWA: 5 ppm (HCI)	
Wate	r: (CAS No. 77	32-18-5)			90 - 98.43%	None established.	

	NING! CORR						
SECTION Melting Point		PHYSICAL	2	Specific Gravity	HO-1)	4.0	
Boiling Point		Perc		Percent Volatile by Volume (%)	1,20 = 17	~ 1.0	
Vapor Pressu		100°C 14 (Water)	Evaporation Rate (Water =1)	·····	90 - 98.43%		
Vapor Density		0.7 (Water)	(Water = 1)		<1		
Solubility in W		Complete.					
Appearance &	& Odor	Clear liquid; pung	ent odor.	-			
SECTION	IV	FIRE AND		ION HAZ	ARD DAT		
lash point	Non	-flammable.	Flammable L % by Volum		<u></u>	ower Upper	
- irefighting Procedures							
]	Use dry chemica fire-fighters shou apparatus.	al, CO ₂ , alcohol Ild wear an app	l foam, or wa propriate mas	ter spray. In fi k or a self-cor	re conditions, taining breathing	
Flammability a			e jan				
Explosion Haz	ards						
		Non combustible which may form			metals produce	e hydrogen,	
			, 	•			
rDG d	lass 8 Corre	osive liquid. UN	1789				
The information conta pathered by them and	ained herein is furnis d must make indepe	shed without warranty of any	/ kind. Employers shi	uniterration to sear	from all environe to	oplement to other information assure proper use of these materials ildren. Printed on recycled paper.	

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SECTION V			EACTIVITY DATA HH0090				
Chemical	Yes	X	If no. under what conditions?				
Stability	No						
Incompatible with Other products	Yes	×	Incompatible with alkalies, strong bases, metals, amines, carbonates, met oxides, cyanides, sulfides, sulfites and formaldehyde.				
Hazardous Decomposition Products	Hydroge	Hydrogen chloride fumes.					
Reactive under what conditions	Reactive with water or steam to produce heat and toxic and corrosive fumes.						
SECTION VI	VI TOXICOLOGICAL PROPERTIES						
Route of Entry	Skin contact. Ingestion.						
TLV	TWA: 5 (ppm)						
Toxicity for animals	Acute oral toxicity (LD50): 900 mg/kg (rabbit).						
Chronic effects on humans	Repeated or prolonged exposure to the substance can produce target organ damage. Target organs: Respiratory system, skin, eyes, lungs.						
Acute effects on humans	Dangerous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion.						
SECTION VII		P	REVENTIVE MEASURES				
Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.						
Storage	Keep container tightly closed. Keep in a cool well ventilated place. Corrosive materials should be stored in a separate safety cabinet or room.						
Precautions	ner dry. Keep away from heat. Keep away from sources of ignition. Keep away stible materials. Do not ingest. Do not breathe gas, fumes, vapor or spray. t with skin. Never add water to this product. Keep away from incompatibles as ents, organic materials, alkalis, moisture.						
Spill or leak	Dilute wit ate waste sodium c	e dis	ater and mop up, or absorb with an inert dry material and place in an appropri- sposal container. If necessary: Neutralize the residue with a dilute solution of onate.				
Protective Clothing Splash goggles. Lab coat.							
SECTION VIII Specific first aid neasures	EIRST AID MEASURES Ingestion: Call physician or Poison Control Center Immediately. Induce vomiting only if advised by the appropriate medical personnel. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention. Skin contact: Gently and thoroughly wash the						

evelids open. Seek medical attention. Skin contact: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Allow victim to rest in a well ventilated area. Seek immediate medical attention.

SECTION I	(PREPA	RATION OF THE MSDS
Rev. No. 7	Date	April 8, 2004	Approved Michael Raszeja