

## **MATERIAL SAFETY DATA SHEET**



## **Section 1. Identity of Material**

PRODUCT NAME OR NUMBER Insta-Blak A-385 aka Aluminium Blackener						
REGULATED	DOT PROPER SHIPPING NAME	Corrosive Liquid N.	O.S. (Sulfuric Acid, Selenious Acid)			
IDENTIFICATION	SHIPPING ID NUMBER LIN	1760 NA	DOT HAZARD CLASS Corrosive			

## Section 2. Hazard Specifications

Section 313 Supplier Notification: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372 or other hazards under 29 CFR 1910.1200.

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CAS NUMBER	CHEMICAL NAME	WEIGHT	PEL=	TLV=	CARCINOGEN
7783-00-8	Selenious Acid Section 313	< 3.5	0.2mg/m <sup>3</sup>	0.2mg/m <sup>3</sup>	NO
7440-50-8 as Cu	Copper, Acid salt of Section 313	< 1	1.0 mg/m <sup>3</sup>	1.0 mg/m <sup>3</sup>	NO
	Water & other non-hazardous, non-listed or non-reportable	05.5			NO
	materials	95.5			NO

KNOWN HAZARDS UNDER 29 CFR 1910.1200						
	YES	NO		YES	NO	
CORROSIVE MATERIAL	Х		SKIN HAZARD	Х		
FLAMMABLE MATERIAL		Χ	EYE HAZARD	Х		
PYROPHORIC MATERIAL		Χ	TOXIC AGENT	Х		
EXPLOSIVE MATERIAL		Х	HIGHLY TOXIC AGENT		Х	
UNSTABLE MATERIAL		Χ	SENSITIZER		Х	
WATER REACTIVE MATERIAL		Х	REPRODUCTIVE TOXIN		Х	
OXIDIZER		Χ	BLOOD TOXIN		Х	
ORGANIC PEROXIDE		Х	NERVOUS SYSTEM TOXIN	Х		
COMBUSTIBLE LIQUID		Χ	LUNG TOXIN		Х	
COMPRESSED GAS		Χ	LIVER TOXIN		Х	
IRRITANT	Х		KIDNEY TOXIN		Х	
			RESPIRATORY SYSTEM		Х	

HMIS - HAZARD SIGNALS				
HEALTH	2	FLAMMABILITY	0	
REACTIVITY	0	PERSONAL PROTECTION	С	
0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe				

Section 3. Safe Usage Data

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PROTECTIVE	EYES Chemical goggles. It is generally recognized that contact lenses should not be worn when working with chemicals because they may contribute to the severity of an eye injury.
FOURDMENT	, , , , , ,
EQUIPMENT	RESPIRATORY Wear a NIOSH approved respirator appropriate for the vapor or mist at the point of use.
TYPES	GLOVES Rubber
	OTHER Long-sleeved shirt, trousers, rubber safety shoes, rubber apron.
VENTILATION	GENERAL MECHANICAL Yes
	LOCAL EXHAUST Preferred to maintain emissions at point of use below the PEL.
PRECAUTIONS	HANDLING & STORAGE Keep in closed container in a dry well-ventilated area away from incompatible materials. Wash thoroughly after handling. Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings on containers as if they were full.
	OTHER Avoid contact with eyes, skin and clothing.
INCOMPATIBILITY	MATERIALS TO AVOID Cyanides, organic solvents, strong reducing agents.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

			Section 4.			
	EXTINGUISHI	NG ME	DIA Water spra	y, dry chemical,	CO <sub>2</sub> or alcoho	I foam. Do not use direct water stream.
FIRE	SPECIAL PROCEDURES Fire fighters should wear self-contained breathing apparatus and full protective clothing.					
	UNUSUAL HA	ZARDS	May produce to	oxic selenious fu	mes.	
	EYE: Immedia immediate me			nning water for 3	0 minutes, liftir	ng the upper and lower eye lids occasionally. Get
EXPOSURE			ush skin with lots mediate medical		for 30 minutes	s. Remove contaminated clothing and shoes. Wash
FIRST AID	INHALATION:	Remo	ve to fresh air. G	ive artificial resp	iration if not br	eathing. Get immediate medical attention.
	INGESTION: If conscious, immediately induce vomiting by giving 2 glasses of water and sticking a finger down the throat. Get immediate medical attention. After person has vomited have them drink milk, water or solution of 1 tsp/1 qt. sodium bicarbonate in water. Do not give anything by mouth to an unconscious or convulsing person.					
SPILLS						eye protection. For small spills, mop or wipe up and
	dispose of in DOT approved waste containers. For large spills contain by soil or other absorbent material and carefully neutralize with soda ash or lime. Flush area with water. CO <sub>2</sub> will be given off if soda ash is used. Keep non-neutralized					
RQ= 335#	material out of sewers and surface waters. Comply with regulations for spill reporting.  WASTE DISPOSAL METHOD Consult appropriate federal, state and local regulations for disposal. Empty containers are subject to same regulations.					
			Section	5. Physic	al Hazard	Data
FLAMMABILITY	FLASHPOINT	Non		°F	°C	METHOD USED:
	STABLE	Χ	CONDITIONS T	O AVOID:		
STABILITY	UNSTABLE	HAZARDOUS DECOMPOSITION PRODUCTS: Reactions with organics and strong reducing agents can produce volatile organoselenides or hydrogen selenide.				
HAZARDOUS POLYMERIZATION	MAY OCCUR		WILL NO	OT OCCUR	X	AVOID:
			Section	า 6. Health	n Hazard	Data
EFFECTS OF EXPOS irritation. Garlic odor to not a primary skin irritation.	o breath, headac	hes, di	zziness, difficulty	breathing. Inge	stion will result	nd watering. Breathing mists can cause nose and throat in metallic taste, garlic odor to breath and nausea. It is enged contact.
PRIMARY ROUTE  INHALATION		Y		INGESTIC		
SKIN ABSOR	PTION		$\boxtimes$		YE CONTA	
		Sec				I Properties
DOLLING DT 2120E					-0	VOLATILE COMPONENTS, Water

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BOILING PT= 213°F	SPECIFIC GRAVITY: 1.050	VOLATILE COMPONENTS Water			
pH= < 1.75	VAPOR DENSITY (AIR=1) Approx. equal to	EVAPORATION RATE			
	water	( =1) Approx. = 1			
SOLUBILITY IN WATER Complete	WILL DISSOLVE IN Water				
APPEARANCE Light Blue Solution		MATERIAL IS: LIQUID ☑ POWDER □			
ODOR Odorless					

## Section 8. Manufacturer Data

FIRM'S NAME & MAILING ADDRESS: Electrochemical Products Inc. 17000 Lincoln, New Berlin, WI 53151 Supplied in AUSTRALIA by Caswell Australia,1/51 ELM PARK DRIVE HOPPERS CROSSING, VIC 3029				
Date Prepared or Revised: 1/31/2022	Supersedes Those Dated: 5/11/98	EMERGENCY TELEPHONE NO. Business Hours: 262-786-9330 Other Times: Chemtrec 800-424 -9300 Day or Night Caswell Australia 03 9741 7103 EMERGENCY <b>000</b>		