

MATERIAL SAFETY DATA SHEET

MSDS for 59730 ITEK LASER CLEAN FOUNTAIN SOLUTION

1 -Section I - Product Identification

"D"

Manufacturer's Name	Emergency Phone Number (24 Hours)
A.B.DICK COMPANY GRAPHIC SYSTEMS DIV.	(312) 763-1900
Street Address	MSDS Request Phone Number:
811 JEFFERSON ROAD	1-800-752-5139, Ext. 2531
City,State,Zip Code	Date Prepared: March 14, 1994
ROCHESTER, NEW YORK 14623	Prepared By: Kenneth W. Pinter

Product Use: OFFSET PROCESS.

Chemical Name, Trade Name, Synonyms: NONE.

HMIS RATING

1 - Health 1 - Flammability 0 - Reactivity A - Personal Protection

2 -Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
PHYTIC ACID	83-86-3	9.6	NOT	NOT	
ADIPIC ACID	124-04-9	5.0	ESTABLISHED.	ESTABLISHED.	
MALONIC ACID	141-82-2	3.7	NOT	NOT	
SODA ASH	497-19-8	0.7	ESTABLISHED.	ESTABLISHED.	
BUTYL CELLOSOLVE	111-76-2	0.8	25 PPM(SKIN)	25 PPM(SKIN)	
SODIUM BENZOATE	532-32-1	0.2	NOT	NOT	
SODIUM SALICYLATE	54-21-7	0.2	ESTABLISHED.	ESTABLISHED.	
SODIUM DEHYDROACETATE	4418-26-2	0.1	NOT	NOT	
WATER	7732-18-5	79.7	ESTABLISHED.	ESTABLISHED.	

3 -Section III - Physical Data

Boiling POINT(F): 212	pH: 4.5
Vapor Pressure(atm): 0.023 (20C)	Freezing Point(F): 32
Vapor Density (AIR = 1): 1.0	% Volatiles By Volume: N.A.
Specific Gravity (H2O=1): 1.04	Color And Odor: LIGHT PINK/ALCOHOL

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3 -Section III - Physical Data (continued)

Odor Threshold: N.D. Physical State: LIQUID

Evaporation Rate (Butyl Acetate = 1): <1

Solubility in Water: COMPLETE.

4 -Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): N.A. Flammable Limits:
LEL: N.A. UEL: N.A.

Auto-ignition Temperature: N.D.

Extinguishing Media: WATER FOG / CO2 / DRY CHEMICAL.

Special Fire Fighting Procedures: USE SELF-CONTAINED AIR SUPPLY FOR
RESPIRATORY ASSISTANCE AND WEAR PROTECTIVE CLOTHING TO PREVENT CONTACT WITH
SKIN AND EYES.

Unusual Fire And Explosion Hazards: NONE.

5 -Section V - Reactivity Data

Stability Unstable : Conditions to Avoid: AVOID EXPOSURE TO HIGH HEAT
Stable : X SOURCES, OPEN FLAMES AND STRONG OXIDIZING
AGENTS.

Incompatibility (Materials to Avoid): OXIDIZING MATERIAL.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND SMOKE.

Hazardous May Occur: Conditions to Avoid: NONE.
Polymerization Will Not Occur: X

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6 -Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN, EYE, INGESTION, INHALATION.

Oral Ingestion: MAY CAUSE THROAT IRRITATION.

Eye Contact: MAY CAUSE IRRITATION.

Skin Contact: MAY CAUSE IRRITATION AND DERMATITIS WITH PROLONGED OR
REPEATED CONTACT.

Inhalation: MAY CAUSE SOME IRRITATION.

Effects of Overexposure: MAY CAUSE SKIN AND EYE IRRITATION.

Medical Conditions Generally Aggravated by Exposure UNKNOWN.

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: GIVE LARGE AMOUNT OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL
ATTENTION.

Eye: FLUSH WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN.

Skin: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

Inhalation: REMOVE TO FRESH AIR.

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7 -Section VII - Toxicology Information

Ingredient	Inhalation	Oral	Dermal
	LC50	LD50(RATS)	LD50(RABBITS)
PHYTIC ACID	N.D.	N.D.	D.D.
ADIPIC ACID	N.D.	N.D.	N.D.
MALONIC ACID	N.D.	1310 MG/KG.	N.D.
SODA ASH	N.D.	N.D.	N.D.
BUTYL CELLOSOLVE	700PPM(7HRS)	0.5-3.0 G/KG.	0.4 G/KG.
SODIUM BENZOATE	N.D.	4100 MG/KG.	N.D.
SODIUM SALICYLATE	N.D.	1600 MG/KG.	N.D.
SODIUM DEHYDROACETALE	N.D.	N.D.	N.D.
WATER	N.D.	N.D.	N.D.

8 -Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
WIPE UP WITH ABSORBENT MATERIAL.

Disposal Method: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

9 -Section IX - Special Protection Information

Ventilation Local Exhaust: N.A. Special: N.A.
 Mechanical(General): ACCEPTABLE. Other: N.A.

Respiratory Protection: NOT NORMALLY REQUIRED.

Protective Clothing: GLOVES TO PREVENT PROLONGED OR REPEATED SKIN CONTACT.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: RUBBER OR PLASTIC APRON

10 -Section X - Special Precautions

Precautions to be taken in Handling and Storing: KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID SKIN CONTACT. KEEP AWAY FROM CHILDREN. WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY.

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10 -Section X - Special Precautions (continued)

Other Precautions: STORE IN A COOL, DRY, WELL-VENTILATED AREA, AWAY FROM
EXTREME HEAT AND FIRE HAZARDS.

11 -Section XI - Transportation Information

Hazard Class: N.A.
DOT Proper Shipping Name: NOT REGULATED.

12 -Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT CONTAINS ADIPIC ACID WHICH IS A
REPORTABLE QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT
CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370):
THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312 IF
STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES
NOT CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

TOXIC SUBSTANCES CONTROL ACT (TSCA):
This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT
ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

13 -Section XIII - Addition Information

NONE

N.D. = No Data N.A. = Not Applicable
The information herein given in good faith but no warranty, express or
implied, is made.