

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



Forms Published by WindowChem (707)864-0846

IDENTITY

SOLUTION AR-28

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name
KOCOUR CO

Emergency Telephone Number
1-800-424-9300

Address (Number, Street, City, State, and ZIP Code)
4800 S. ST. LOUIS AVE.

Telephone Number for Information
1-773-847-1111

CHICAGO, IL 60632

Date Prepared
01/26/2007

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommendec	% (optional)
P (2,4 DIHYDROXYPHENYL) AZOBENZENESULFONIC ACID, SODIUM SALT- CAS# 547-57-9				< 0.5%
SODIUM HYDROXIDE- CAS# 1310-73-2				< 1.00%
WATER- CAS# 7732-18-5				BALANCE

THE pH OF INDICATOR KLS IS APPROXIMATELY 12.0.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	N/A

Solubility in Water

COMPLETE

Appearance and Odo

ORANGE COLORED SOLUTION, ODORLESS

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NON FLAMMABLE LIQUID	Flammable Limits	LEL N/A	UEL N/A
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Extinguishing Media

USE SUITABLE MEANS FOR SURROUNDING FIRE.

Special Firefighting Procedure

WEAR PROPER PERSONAL PROTECTION AND SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazard:

NO APPLICABLE INFORMATION FOUND.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	XX	

Incompatibility (Materials to Avoid)

NO APPLICABLE INFORMATION FOUND.

Hazardous Decomposition or Byproducts

NO APPLICABLE INFORMATION FOUND.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	XXX	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	NO	YES	YES

Health Hazards (Acute and Chronic)

SKIN CONTACT MAY CAUSE IRRITATION. EYE CONTACT MAY CAUSE INJURY.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Signs and Symptoms of Exposure

RED OR INFLAMED SKIN WITH A POSSIBLE BURNING SENSATION.

Medical Conditions

Generally Aggravated by Exposure OPEN CUTS OR SKIN ABRASIONS.

Emergency and First Aid Procedure

(SKIN & EYES) FLUSH WITH WATER 15 MINS; INCLUDING UNDER THE EYELIDS.

(INGESTION) SEEK IMMEDIATE MEDICAL ATTENTION.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spill

CONTAIN SPILL WITH AN INERT MATERIAL (ie: SAND) AND HOLD FOR PROPER DISPOSAL

Waste Disposal Method

ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage

DO NOT STORE IN DIRECT SUNLIGHT. KEEP AT ROOM TEMPERATURE WITH CAP TIGHTLY CLOSED

Other Precautions

NO APPLICABLE INFORMATION FOUND.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

NOT REQUIRED IN SOLUTION FORM.

Ventilator	Local Exhaust	Special
	NOT REQUIRED	NO APPLICABLE INFORMATION FOUND.
	Mechanical (General)	Other
	NOT REQUIRED	NO APPLICABLE INFORMATION FOUND.
Protective Gloves:		EYE PROTECTION

ADEQUATE TO PROTECT THE SKIN

SAFETY GLASSES

Other Protective Clothing or Equipment

LAB COAT OR APRON TO PROTECT THE CLOTHING

Work/Hygenic Practices

WASH WITH SOAP AND WATER AFTER USE. FOLLOW ESTABLISHED SAFETY POLICIES.