
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

APCL-2**MSDS ID: 00396**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: APCL-2

Product Descriptor: Acidic papermill cleaner

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
GLYCOLIC ACID	79-14-1	15 - 30%	Not Est.	
LINEAR ALCOHOL ETHOXYLATE	68439-46-3	1 - 5%	None est.	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING-Product contains irritating or harmful chemicals which may cause eye or skin irritation or burns. May be harmful if swallowed. Do not get product in eyes, on skin or clothing. Wear eye protection and rubber gloves to prevent skin contact when handling product. Wash after handling. Avoid breathing dust, vapors or product spray. Contain spill and runoff to prevent direct discharge to soil or surface waters.

POSSIBLE ROUTES OF ENTRY: Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Burns or severe irritation with pain, redness and swelling.
SKIN: Severe irritation or burns with rash, redness, pain or itching. INGESTION: If swallowed, pain, nausea and vomiting may result.

CHRONIC: Same as Acute Effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and sensitive skin.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes and skin.

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart to completely flush all chemicals from entire eye surface. Get immediate medical attention.

SKIN: Flush skin with plenty of water. Remove and launder contaminated clothing before reuse. Get medical attention for irritation or injury.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. Do not induce vomiting. Get prompt medical attention. NOTE: Never give fluids by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If

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IV. FIRST AID MEASURES (Cont.)

not breathing, give artificial respiration. Get medical attention, immediately.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): None FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: None UEL: None
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.
EXTINGUISHING MEDIA: Water, water spray, CO2, foam or dry powder.
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.
SPECIAL INSTRUCTIONS: Contain runoff. Prevent from entering sewer or storm drain.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Contain spill. Absorb with sand or clay. Collect material and place in suitable waste container. Neutralize solids and spill area with soda ash or lime. Dispose of by environmental regulations.
This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area. Keep from freezing. If frozen, warm to thaw and mix for use. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Chemical goggles if contact or splash hazard exists. Eye wash in use area.
PROTECTIVE GLOVES: Acid resistant.
RESPIRATORY PROTECTION: Product does not have any established exposure limits. Wear a positive pressure air supplied respirator in enclosed or confined spaces where high air concentration or long exposure may occur.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Rubber boots, chemical apron and safety shower in use area if contact or splash hazard exists.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Not usually required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Light amber to colorless liquid; mild odor

BOILING POINT (DEG F): 215 FREEZING POINT: Not determined
SPECIFIC GRAVITY/BULK DENSITY: 1.056

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IX. PHYSICAL AND CHEMICAL PROPERTIES (Cont.)

pH: 2.0 pH 1% SOLUTION: ND
VOLATILE BY VOLUME: None
SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE(mmHg): 17.5 at 20 C VAPOR DENSITY: ND

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.
INCOMPATIBILITY WITH OTHER MATERIALS: Alkalis, carbonates and chlorinated compounds.
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of carbon, nitrogen and sulfur.
HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

No data available.
TOXICITY TEST DATA:
No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: When handled and disposed of as directed, this product should not cause adverse effects in the environment.
ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: RCRA Regulated Hazardous Waste: Corrosivity Characteristic D002
Adjust pH of diluted product and discharge to industrial sewer. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of container by product labeling or governmental regulations.

XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:
TSCA: All ingredients in this product are on TSCA inventory.
HAPS: Contains no hazardous air pollutants.
VOC CONTENT (EPA Method 24A): % VOC: 0.0 Lb/Gal VOC: 0.0
CERCLA/EPCRA:
Section 313 Toxic Chemicals: None
SARA Section 311/312:

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XV. REGULATORY INFORMATION (Cont.)

ACUTE:YES CHRONIC:NO FIRE:NO REACTIVITY:NO
SUDDEN RELEASE OF PRESSURE:NO
LISTED CARCINOGEN: None
NTP: No IARC: No OSHA: No
HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: D
NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY:0 SPECIAL:ACID
STATE RIGHT-TO-KNOW INFORMATION:
Water - CAS # 7732-18-5
Glycolic Acid - CAS # 79-14-1
Dodecylbenzene Sulfonate - CAS # 27176-87-0
Linear Alcohol Ethoxylate - CAS # 68439-46-3
CALIFORNIA PROPOSITION 65:
None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.