

DATE: 03/30/98 ACCT: 742982001
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**** MATERIAL SAFETY DATA SHEET ****

Phthalic acid monopotassium salt (acidimetric standard), reagent acs 96421

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Phthalic acid monopotassium salt (acidimetric standard), reagent acs
Catalog Number: AC424060000, AC424060050, AC424061000, AC424065000
Synonyms: Potassium biphthalate; Phthalic acid, potassium salt; Potassium acid phthalate
Company Identification: Acros Organics N.V.
One Reagent Lane
Fair Lawn, NJ 07410

For information in North America, call: 800-ACROS-01
For emergencies in the US, call CHEMTREC: 800-424-9300

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	EINECS#
877-24-7	Phthalic acid, monopotassium salt	100	212-889-4

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Appearance: Not available.
Caution: May cause eye and skin irritation. May cause respiratory and digestive tract irritation.
Target Organs: None.

Potential Health Effects

Eye: May cause eye irritation. Low hazard for normal industrial handling.
Skin: May cause skin irritation. Low hazard for usual industrial handling.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Inhalation: If heated, dust or fume may cause respiratory tract irritation.
Chronic: No information found.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.
Skin: Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.
Ingestion: If victim is conscious and alert, give 2-4 cupsful of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.
Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician: Treat symptomatically and supportively.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts may be combustible when exposed to heat, flame, or oxidizing agents.
Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.
Autoignition Temperature: Not available.
Flash Point: Not available.
NFPA Rating: Not published.
Explosion Limits: Upper: Not available.
Lower: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:

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**** SECTION 7 - HANDLING AND STORAGE ****

Sweep up, then place into a suitable container for disposal.

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.
Storage: Store in a cool, dry place.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Phthalic acid, mono none listed potassium salt	none listed	none listed	none listed

OSHA Vacated PELs:
Phthalic acid, monopotassium salt:
No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear safety glasses and chemical goggles if splashing is possible.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to minimize contact with skin. Wear appropriate protective clothing to prevent skin exposure.
Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134. Always use a NIOSH-approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Solid
Appearance: Not available.
Odor: Not available.
pH: Not available.
Vapor Pressure: Negligible
Vapor Density: Negligible
Evaporation Rate: Not available
Boiling Point: 295 deg C dec
Freezing/Melting Point: Not available
Decomposition Temperature: Not available
Solubility: 33G/100 ML WATER (100&C)
Specific Gravity/Density: Not available.
Molecular Formula: C8H5KO4
Molecular Weight: 204.22

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials.
Incompatible materials: Strong oxidizing agents: nitric acid
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of potassium, potassium fume.
Hazardous Polymerization: Will not occur.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:
CAS# 877-24-7 unlisted.
LD50/LC50:
Not available.
Carcinogenicity: monopotassium salt -
Phthalic acid -
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects:

No data available.
Neurotoxicity: No data available.
Mutagenicity: No data available.
Other Studies: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecotoxicity: Not available.
Environmental Fate: Not available.
Physical/Chemical: Not available.
Other: Not available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.
RCRA D-Series Maximum Concentration of Contaminants:
None listed.
RCRA D-Series Chronic Toxicity Reference Levels: None listed.
RCRA F-Series: None listed.
RCRA P-Series: None listed.
RCRA U-Series: None listed.
Not listed as a material banned from land disposal according to RCRA.

**** SECTION 14 - TRANSPORT INFORMATION ****

US DOT
IMO No information available
IATA Not regulated as a hazardous material.
RID/ADR Not regulated as a hazardous material.
Canadian TDG No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

US FEDERAL
TSCA CAS# 87-24-7 is listed on the TSCA inventory.
Health & Safety Reporting List
Chemical Name: The chemicals are on the Health & Safety Reporting List.
Chemical Use: None of the chemicals in this product are under a Chemical Test Rule.
Section 12b
None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.
SARA
Section 302 (RQ)
None of the chemicals in this material have an RQ.
Section 302 (TPQ)
None of the chemicals in this product have a TPQ.
SARA Codes
CAS # 87-24-7: acute.
Section 313
No chemicals are reportable under Section 313.
Clean Air Act
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depleters.
Clean Water Act
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.
OSHA:
None of the chemicals in this product are considered highly hazardous by OSHA.
STATE
Phthalic acid, monopotassium salt is not present on state lists from CA, PA, MN, MA, FL, or NJ.
California No Significant Risk Level:
None of the chemicals in this product are listed.
European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.

Risk Phrases:
Safety Phrases:
WGK (Water Danger/Protection) S 24/25 Avoid contact with skin and eyes.
CAS# 87-24-7:
Canada
CAS# 87-24-7 is listed on Canada's DSL/NDL List.
WHMIS: Not available.
CAS# 87-24-7 is not listed on Canada's Ingredient Disclosure List.
Exposure Limits

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 2/01/1996 Revision #0 Date: Original.

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