Polyphosphoric acid, triethanolamine ester, sodium salt (cas 68131-72-6) MSDS

Material Safety Data Sheet
MSDS 012
Rev B
Product: Activator for CIDEX Plus 28 Day Solution
Issue date: 12/05/03

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier:
Advanced sterilization Products
33 Technology Drive
Irvine, CA 92618
1-800-755-5900
Customer service telephone:
(800) 451-8346 or (760) 602-8700 - 24 hrs
Emergency telephone number:
Activator for CIDEX Plus 28 Day Solution
Product name:

2. COMPOSITION/INFORMATION ON INGREDIENTS

potassium acetate 127-08-2 <40 Not Determined Not Determined Not Determined Not Determined
Polyphosphoric acids, esters with triethanolamine, sodium salts 68131-72-6 <30 Not Determined Not Determined Not Determined Not Determined

3. HAZARDS IDENTIFICATION

None
Emergency overview:

None
Properties affecting health:

Principle routes of exposure:
Not anticipated to be a significant route of occupational exposure. Can irritate the Oral:
tissues of mouth, esophagus, and other tissues of the digestive system.
Direct eye contact may cause irritation and tearing (lacrimation).
Eye contact:
Moderate skin irritant. Symptoms are temporary and reversible.
Skin contact:
May be harmful if swallowed. Ingestion causes irritation of upper respiratory system
Ingestion:
and gastrointestinal disturbance.
Not a likely route of exposure. May cause irritation to the upper respiratory tract.
Inhalation:
Symptoms are temporary and reversible.

No hazards resulting from material as supplied.
Physico-chemical properties:

Hazard information:
None.
Target organ effects:
This material is not reported to cause reproductive effects in humans
Reproductive effects:
This product is not known to produce mutagenic effects in humans
Mutagenic effects:
Non-sensitizing.
Sensitization:

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Carcinogenicity rating:
Components CAS Number NTP: IARC: California

Potassium acetate 127-08-2 Not Determined Not Determined Not Determined Not Determined
Polyphosphoric acids, esters with 68131-72-6 Not Determined Not Determined Not Determined Not Determined
triethanolamine, sodium salts

Signs and symptoms:
Medical conditions
None known.
aggravated by exposure:

4. FIRST AID MEASURES

Flush eye with water for 15 minutes.
Eye contact:
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

Do not induce vomiting. Call a physician or Poison Control Center immediately
Ingestion:
Move to fresh air immediately. If experiencing difficulty breathing, seek medical
Inhalation:
attention.

Rinse with plenty of water.
Skin contact:
Remove contaminated clothing and wash before re-use.

Protection of first-aiders:

Notes to physician:

5. FIRE-FIGHTING MEASURES

Not Applicable
Flash point (??F):
Not Applicable
Flash point (??C):
Not Applicable
Autoignition temperature:
Not Applicable
Flammable limits in air - lower (%):
Health: 1 flammability: 0 reactivity: 0
NFPA rating:
HMIS/ NFPA rating and classification:
Fire fighting information:

Use any extinguishing media which is suitable for the surrounding fire.

Extinguishing media which must not be used for safety reasons:
None.

Specific methods:

Wear self-contained breathing apparatus for fire fighting if necessary.

None

Hazardous combustion products:

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Not Applicable

Explosivity:

Explosion limits:
Not Applicable
lower: Not Applicable
upper: Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Use suitable protective equipment.

Personal precautions:

No special environmental precautions required.

Environmental precautions:

Clean-up methods - large spillage
Methods for cleaning up:
Contain and absorb all spillages with an inert absorbent material and place in a disposable container.
Flush with plenty of water.
Do not flush into surface water or sanitary sewer system.

Clean-up methods - small spillage

Wipe up with absorbent material (e.g. cloth, fleece)

7. HANDLING AND STORAGE

Handling:

No special technical protective measures required.

Technical measures/precautions:
Use only in well-ventilated areas. Do not breathe vapours or spray mist. Avoid contact with skin and eyes.

Storage:

This product should be stored between 59??F (15??C) and
Technical measures/storage conditions:
86°F (30°C)
Strong oxidizing agents
Incompatible products:

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ensure adequate ventilation, especially in confined areas.
Engineering controls:

Eye protection recommended during production of product.
Eye protection:

Wear rubber or neoprene gloves.
Hand protection:

Wear suitable protective clothing.
Skin and body protection

None required.
Respiratory protection:

None required.
Other/general protection:

9. PHYSICAL AND CHEMICAL PROPERTIES

Liquid
Physical state:
Dark green
Color:
Approximately 7.0
pH:
Vinegar-like
Odor:
Not established
Boiling temperature (°F):
Not established
Melting point/range (°F):
Not established
Freezing point/range (°F):
Not established
Specific gravity:
Not established
Density (20/4):
Not established
Vapor pressure:

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<1
Evaporation rate:
Soluble
Water solubility:
Not established
Partition coefficient
(n-octanol/water):

10. STABILITY AND REACTIVITY

Stable under recommended storage conditions.
Chemical stability:

Will not occur.
Hazardous polymerization:
Carbon oxides. Nitrogen, sulfur and sodium containing Hazardous decomposition products:
compounds

Unknown on product.
Materials to avoid:

Unknown on product.
Conditions to avoid:

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Local effects
GI tract irritation and/or disturbances.
Oral:
Mild eye irritant.
Eye irritation
May cause skin irritation.
Skin irritation:
Mild irritation.
Inhalation:

Chronic toxicity
Unknown on product.
Oral:
Unknown on product.
Inhalation:

Unknown on product.
Dermal:

Subchronic toxicity
Unknown on product.
Oral:
Unknown on product.
Dermal:

Specific effects
Unknown on product.
Corrosive effects:
Not a sensitizer.
Sensitization:
None.
Target organ effects:
No data is available on the product itself.
Mutagenic effects:
No data is available on the product itself.
Reproductive effects:
No data available
Developmental effects:
No data is available on the product itself.
Carcinogenic effects:

12. ECOLOGICAL INFORMATION

Ecotoxicity:
This product has no known eco-toxicological effects.
Ecotoxicity effects:
This product has no known aquatic toxicological effects.
Aquatic toxicity effects:
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13. DISPOSAL CONSIDERATIONS

Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

None.

Contaminated packaging:

Clean-up methods - large spillage
Methods for cleaning up:
Contain and absorb all spillages with an inert absorbent material and place in a disposable container.
Flush with plenty of water.
Do not flush into surface water or sanitary sewer system.

Clean-up methods - small spillage

Wipe up with absorbent material (e.g. cloth, fleece)

14. TRANSPORT INFORMATION

DOT:
Not applicable
DOT UN-No:
Not regulated
DOT shipping name:
Not applicable
Hazard class:
Not applicable
Subsidiary risk (hazard class):
Not applicable
Packing group:
Not applicable
DOT reportable quantity (lbs):

IMDG:
Not applicable
Hazard class:
Not applicable
IMDG page:
Not applicable
IMDG-labels:
Not applicable
Packing group:
Not applicable
MFAG table No.:
Not regulated
Proper shipping name:
Not applicable
UN/Id No.:
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15. REGULATORY INFORMATION

SARA (311, 312) hazard class:
None
Immediate health:
None
Delayed health:
None
Fire:
None
Sudden Release of Pressure Hazard:
None
Reactivity:

Listed under TSCA: Yes
TSCA inventory list:

WHMIS:
None
WHMIS trade secret:
None
WHMIS hazard class:

Listed on DSL: Yes
Canada DSL inventory list:

Notes:
1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act
4. TSCA = Toxic Substance Control Act
5. WHMIS = Canadian Workplace Hazardous Materials Information System
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s):
None

None

Additional advice
None

Literary Reference:
North American Format - U.S. and Canada
MSDS format:
This Material Safety Data Sheet was prepared in accordance with OSHA 29 CF 1910.1200.

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End of Safety Data Sheet