

Material Safety Data Sheet

MSDS 012

Rev: **D**
 Product: **Activator for CIDEX Plus 28 Day Solution**
 Issue date: **5/21/07**

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

Supplier:

Advanced Sterilization Products
 33 Technology Drive
 Irvine, CA 92618

Customer service telephone: 1-800-755-5900
Emergency telephone number: 877-208-6653- 24 hrs
Product name: Activator for CIDEX Plus 28 Day Solution

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %	J&J - OEL Data (TWA - 8 hr)	J&J - OEL Data (STEL):	J&J - OEL Data (Ceiling Limit Value):	J&J - PBOEL
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

Emergency overview: None

Properties affecting health: None

Principle routes of exposure:

Oral: Can irritate the tissues of mouth, esophagus, and other tissues of the digestive system.

Eye contact: Direct eye contact may cause irritation and tearing.

Skin contact: Moderate skin irritant. Symptoms are temporary and reversible.

Ingestion: May be harmful if swallowed. Ingestion causes irritation of gastrointestinal disturbance.

Inhalation: May cause irritation to the upper respiratory tract. Symptoms are temporary and reversible.

Hazard information:

Target organ effects: None.

Reproductive effects: This material is not reported to cause reproductive effects in humans

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Mutagenic effects: This product is not known to produce mutagenic effects in humans.
Sensitization: Non-sensitizing.

Carcinogenicity rating:

Components	CAS Number	J&J:	NTP:	IARC:	California Proposition 65 List:
Potassium acetate	127-08-2	Not Determined	Not Determined	Not Determined	Not Determined
Polyphosphoric acids, esters with triethanolamine, sodium salts	68131-72-6	Not Determined	Not Determined	Not Determined	Not Determined

Signs and symptoms: None.

Medical conditions aggravated by exposure: None known.

4. FIRST AID MEASURES

Eye contact: Flush eye with water for 15 minutes. If eye irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Call a physician or Poison Control Center immediately

Inhalation: Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.

Skin contact: In case of contact with skin, flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and wash before re-use.

Protection of first-aiders: None.

Notes to physician: None.

5. FIRE-FIGHTING MEASURES

Flash point (°F): Unknown on product.
Flash point (°C): Unknown on product.
Autoignition temperature: Unknown on product.
Flammable limits in air - lower (%): Unknown on product.
NFPA rating: Health: 1 flammability: 0 reactivity: 0
HMIS/ NFPA rating and classification:

Fire fighting information:

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

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

Specific methods: None.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products: Carbon oxides, Phosphorous oxides and oxides of nitrogen.

Explosivity: Not Applicable

Explosion limits:
lower: None.
upper: None.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear eye and skin protection while handling material for clean-up.
Environmental precautions:	No special environmental precautions required.
Methods for cleaning up:	Clean-up methods 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.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions:	No special technical protective measures required.
Safe handling advice:	Use only in well-ventilated areas. Do not breathe vapors or spray mist. Avoid contact with skin and eyes.

Storage:

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Ensure adequate ventilation, especially in confined areas.
Eye protection:	Wear appropriate eye protection.
Hand protection:	Wear chemical resistant gloves.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection:	None required.
Other/general protection:	None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Dark green
pH:	7.8 – 8.2
Odor:	Vinegar-like
Boiling temperature (°F):	Not established
Melting point/range (°F):	Not applicable
Freezing point/range (°F):	Not established
Specific gravity:	Not established
Density (20/4):	Not established
Vapor pressure:	Not established
Evaporation rate:	Not established
Water solubility:	Soluble
Partition coefficient (n-octanol/water):	Not established

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10. STABILITY AND REACTIVITY

Chemical stability:	Stable under recommended storage conditions.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Carbon, potassium and sodium oxides, nitrogen and phosphorous containing compounds
Materials to avoid:	Strong oxidizing agents.
Conditions to avoid:	Extremes of temperature, direct sunlight and prolonged heating at temperatures above 40°C

11. TOXICOLOGICAL INFORMATION

<u>Acute toxicity</u>	Unknown on product
<u>Local effects</u>	
Oral:	GI tract irritation and/or disturbances.
Eye irritation	Mild eye irritant.
Skin irritation:	May cause skin irritation.
Inhalation:	Mild irritation.
<u>Chronic toxicity</u>	
Oral:	Unknown on product.
Inhalation:	Unknown on product.
Dermal:	Unknown on product.
<u>Subchronic toxicity</u>	
Oral:	Unknown on product.
Dermal:	Unknown on product.
<u>Specific effects</u>	
Corrosive effects:	Unknown on product.
Sensitization:	Not a sensitizer.
Target organ effects:	None.
Mutagenic effects:	No data is available on the product itself.
Reproductive effects:	No data is available on the product itself.
Developmental effects:	No data available on product itself.
Carcinogenic effects:	No data is available on the product itself.

12. ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	
Ecotoxicity effects:	This product has no known eco-toxicological effects.
Aquatic toxicity effects:	This product has no known aquatic toxicological effects.
Mobility:	Unknown on product.
Persistence / degradability:	Unknown on product.
Bioaccumulation:	Unknown on product.
Degradation:	Unknown on product.

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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Waste disposal must be in accordance with appropriate Federal, State, Local 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.
Contaminated packaging:	None.
Methods for cleaning up:	Clean-up methods - large spillage 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:	
DOT UN-No:	Not applicable
DOT shipping name:	Not regulated
Hazard class:	Not applicable
Subsidiary risk (hazard class):	Not applicable
Packing group:	Not applicable
DOT reportable quantity (lbs):	Not applicable
IMO/IMDG:	
Hazard class:	Not applicable
IMDG page:	Not applicable
IMDG-labels:	Not applicable
Packing group:	Not applicable
MFAG table No.:	Not applicable
Proper shipping name:	Not regulated
UN/Id No.:	Not applicable
ADR/RID:	
Hazard class/packing group:	Not applicable
Item:	Not applicable
ADR/RID-labels:	Not applicable
UN/Id No.:	Not applicable
Proper shipping name:	Not regulated.
TREM-card:	Not applicable
IATA/ICAO:	
Hazard class:	Not applicable
Packing group:	Not applicable
Proper shipping name:	Not regulated
ID/UN No.:	Not applicable
IATA - label:	Not applicable
ERG #	Not applicable
TDG (Canada):	
Status:	Not applicable
Packing group:	Not applicable

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15. REGULATORY INFORMATION

SARA (311, 312) hazard class:

Immediate health:	None
Delayed health:	None
Fire:	None
Sudden Release of Pressure Hazard:	None
Reactivity:	None

TSCA inventory list: Listed under TSCA: Yes

WHMIS:

WHMIS trade secret:	None
WHMIS hazard class:	None

Canada DSL inventory list: Listed on DSL: Yes

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

Additional advice: None

Literary Reference: None

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

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End of Safety Data Sheet

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