



MATERIAL SAFETY DATA SHEET

Extend-A-Life and Produce Saver
(Filters and Sachets)

Agraco Technologies Intl. LLC
Manufacturer

2530.90.0060
MSDS Number

220 S Second Street
Address

7722-64-7
CAS Number

Dillsburg, PA 17019

January 1, 2008
Date Prepared

1-800-337-4169
Phone Number (for information)

Dave Webster
Prepared By

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.

1-800-825-7800 1-610-825-4772
Emergency Phone Number

SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-Chemical Name & Common Name (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	Others Limits Recommended
Potassium permanganate (KMnO ₄)	6-8%	5mg/m ³	5mg/m ³	None
CAS# 7722-64-7				
Non-Hazardous Ingredients	92-94%			
Molecular sieve/moisture				
TOTAL	100			

SECTION 2 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H ₂ O=1)	Density 58-62#/ft ³
Vapor Pressure (mm Hg and Temperature)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ = 1)	N/A
Solubility		Water	
In water	KMnO ₄ – yes, molecular sieve –no	Reactive	N/A
Appearance and Odor	purple granules, odorless		

SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

Flash point and Method used	Auto-Ignition Temperature	Flammability Limits in Air % by volume	LEL	UEL
Noncombustible	N/A	N/A	N/A	N/A
Extinguisher Media	N/A			
Special Fire Fighting Procedures	None			
Unusual Fire and Explosion Hazards	None			

SECTION 4 – REACTIVITY HAZARD DATA

Stability ? Stable ? Unstable	Conditions To Avoid: Protect containers against puncture and physical damage, keep in a dry area, avoid exposure to water	
Incompatibility (Materials to Avoid)	None	
Hazardous Decomposition Products	None	
Hazardous Polymerization ? May Occur ? Will not Occur	Conditions to Avoid None	

SECTION 5 – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	? Inhalation	? Ingestion	CARCINOGEN LISTED IN	? NTP	? OSHA
	? Skin Absorption	? Not Hazardous		? IARC Monograph	? Not Listed
HEALTH HAZARDS	Acute May be irritating to body tissue upon contact				
	Chronic None				

Signs and Symptoms

of Exposure **May stain body tissue**

Medical conditions

Generally Aggravated by Exposure **Open wounds, burns and mucous membranes**

EMERGENCY FIRST AID PROCEDURES – Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact

Immediately flush with large amounts of water for 15 minutes

Skin Contact

Immediately flush with soap and water

Inhalation

Leave contaminated area

Ingestion

Drink several glasses of water or milk. Seek medical attention

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

Respiratory protection

(Specify Type) **Treat as low level nuisance dust, use NIOSH/MSA # TC-21C-132**

Protective Gloves Rubber or plastic gloves	Eye Protection Safety glasses
VENTILATION TO BE USED	? Local Exhaust
	? Other (specify)
	? Mechanical (general)
	? Special

Other Protective

Clothing and Equipment **Regular work clothing**

Hygienic Work Practices

Wash hands before eating. Wash contaminated clothing

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be taken is material is spilled or released

Sweep up granules and dispose of in accordance with local, state and federal regulations

Waste Disposal Methods

Reduce potassium permanganate with hypo(10% sodium thiosulfate) solution and deposit in permitted landfill

Precautions to be taken in handling and storage

Protect containers against physical damage. Store in a cool dry area in closed containers.

Other Precautions and/or Special Hazards

Avoid exposure to water and contaminated air, otherwise the media is rendered useless