

Product Name: Active Refresh
Product ID # 0764

SECTION I MANUFACTURER'S INFORMATION

Manufacturer's Name And Address: Northwest Agricultural Products P.O. Box 3453 821 S. Chestnut Pasco, WA 99302	Emergency Telephone Number: Number for Information Date Revised: Date Reviewed:	509-547-8234 509-547-8234 March 1, 2010 April 8, 2013
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SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

(Specific Chemical Identity): Common Name(s)

Polysaccharides CAS#	-None	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Amino Acids CAS#	-None	Recommended			
Organic Acids CAS #	-None				
		10mg/m3 = %si02+2	1.5 mg/m3	0.1 mg/m3	
Crystalline Quartz CAS #14808-60-7			2-6%		
Respirable Crystalline Quartz					
Present (TWA)	0.1mg/m3		0.1mg/m3	50ug/m3 TWA	2%
Proposed (TWA)	50ug/m3 TWA				
Nuisance Dust					
-Respirable	5 mg/m3	35 mg/m3			
-Total	15 mg/m3		10 mg/m3		

***WARNING*:**

This product contains a small amount of crystalline silica which may cause delayed respiratory disease if inhaled over a prolonged period of time. Avoid breathing dust. Use NIOSH/MSHA approved Respirator where TLV for crystalline silica may be exceeded. IARC Monographs on the evaluation of the "Carcinogenic Risk of Humans"(volume 42,1987) concludes that there is "limited evidence" of the carcinogenicity of Crystalline silica to humans. IARC classification 2A.

PRODUCT IDENTIFICATION

Chemical Name: -Combination of Amino Acids
 Chemical Family: -Amino Acids
 CAS No.: -None
 NFPA/HMIS: Health-0, Fire -0, Reactivity-0, Specific Hazard-None
 Dot Class: Not Regulated

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	-N/A	Specific Gravity(H20=1)	-1.14
Vapor Pressure(mm Hg.)	-N/A	Melting Point	-N/A
Vapor Density (AIR = 1)	-N/A	Evaporation Rate(Butyl Acetate=1)	-N/A
Solubility In Water	-99%		
Appearance and Odor	-Brown to amber liquid, sweet odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used)	-400° F Cleveland Cup Method
Flammable Limits	-Not Available
Extinguishing Media	-Water, Fog, Foam, Rock Dust
Special Fire Fighting Procedures	-Do not stir up dust with hose streams
Unusual Fire And Explosion Hazards	-May explode if dust is suspended in air and ignition source is present. Granules burn similarly to coal or wood.

SECTION V REACTIVITY DATA

Stability	-Unstable	Conditions to Avoid	-None Known
	-Stable X		
Incompatibility (Materials to Avoid)	-None Known		
Hazardous Decomposition or By-products - When Burned:	CO, CO2, SO2 Hydrocarbons		
Hazardous Polymerization	-May Occur		
	-Will not Occur- X		
Conditions to Avoid - None Known			

SECTION VI HEALTH HAZARD DATA

Route(s) of entry: Inhalation? –Yes Skin? – No Ingestion? -No
Health Hazards(Acute and Chronic) - May cause delayed respiratory disease if dust inhaled over a period of time. Can cause eye irritation.
Carcinogenicity: NIP? -No IARC Monographs? - Yes
OSHA Regulated? -No
IARC Monographs on the evaluation of the "Carcinogenic Risk of Chemicals to Humans" (volume 42, 1987) concludes that there is "Limited Evidence" of the carcinogenicity of crystalline silica to humans. IARC classification 2A.
Signs and Symptoms of Exposure - Excessive inhalation of dust may result in shortness of breath and reduced pulmonary function.
Medical Conditions Generally Aggravated by Exposure - Individuals with pulmonary and/or respiratory disease including but not limited to asthma and bronchitis should be precluded from exposure to dust.
Emergency and First Aid Procedures -Eyes: Flush with water, see physician if discomfort persists.
-Skin: Wash with water
-Gross Inhalation if Dust: Remove to fresh air; give oxygen and artificial respiration if necessary;get medical attention.

SECTION VII PRECAUTION FOR SAFE HANDLING AND USE

Steps to be taken in case Material is released or spilled - Vacuum if possible to avoid generating airborne dust. Avoid breathing dust. Wear an approved respirator.
Waste Disposal Method - Follow Federal, State and Local regulations for solid waste.
Precautions to be taken in handling and storing - Avoid breathing dust, use NIOAHA/NAHA approved respirator where TLV limits for crystalline silica may be exceeded.
Other Precautions - Keep away from heat , sparks, and open flame.

SECTION VIII CONTROL MEASURES

Respiratory Protection(Specific type) 1980 specification.	-OSHA Standard 1910. 134 or ANSI Z88.2-			
Ventilation	Local Exhaust	-As Appropriate	Special	-None
	Mechanical(General)	-As Appropriate	Other	-None
	Eye Protection	-Recommended		
Protective Gloves		-Not Required		
Other Protective Clothing or Equipment		-None		
Work/Hygienic Practices		-Use good housekeeping practices.		

SECTION IX SPECIAL PRECAUTIONS

Precautionary Statements - Avoid contact with skin, eyes or clothing. Do not ingest. Avoid inhalation of mists.
Other Handling And Storage Requirements - Keep lid tightly closed. Store in a dry area, above freezing and below 105°F, out of direct sunlight and away from strong alkalis. Keep out of reach of children.

SECTION X DOT INFORMATION AND DATE

DOT CLASSIFICATION: Not regulated DOT LABEL: None required

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