

MATERIAL SAFETY DATA SHEET					
SECTION 1 - PRODUCT SOURCE AND IDENTITY					
Supplier identity and address			Product description:		Date: May 8, 2009
Aldran Chemical, Inc. 1313 No. Carolan Ave. Burlingame, CA 94010			Name: Alive		
			Purpose: Enzyme digestant		
			Proprietary Formula		Code: ACI Alive
Emergency phone: 800-969-3378			Product information: 800-969-3378		
SECTION 2 - SHIPPING CLASSIFICATION					
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number					
Not regulated					
Labels required per 49 CFR 172.101:			None		
Size for "Limited quantity" per 49 CFR 173.150-4:			Not applicable		
Reportable Quantity ("RQ") per 49 CFR 172.101:			None, or not possible in one non bulk container		
SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION					
Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200				Exposure Limit Values	
CAS#	313	Material or Component	%	RQ#	TWA STEL
68412-54-4	No	Nonylphenol ethoxylate	<5	None	Not established
Product also contains natural enzymes for which no exposure limits have been established.					
No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2009" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.					
Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.					
Emergency overview: Neutral fragrance emulsion. Keep off of skin and out of eyes.					
Avoid creating mist. Use standard industrial good practices.					
Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	Yes	No	No	No	OSHA 29 CFR 1910.1200 and
Delayed	No	XXX	XXX	XXX	SARA 302/311/312/313.
HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Glasses, gloves)					
NFPA 704 Hazard Ratings: Not rated					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					
Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.					
Threshold limit value: Not established on product.					
TOSCA Status: All ingredients listed			CERCLA RQ: See Sec 2.		
California Prop. 65: None			Ingredients on cancer lists: None		
Reproductive implications: None					
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES					
Appearance:	Clear amber liquid			Flash point deg. F (cc):	None
Odor:	Various fragrances			Initial boiling point deg. C:	NA
Specific gravity:	Approx. 1			Vapor pressure 20 deg C:	NA
pH reaction:	Neutral			Freezing point deg. C:	NA
% phosphorous:	None			Solubility in water:	100%
VOC Content:	None				
California Rule 102 (66): Contains no photo chemically active materials.					

**SECTION 5 - SAFE HANDLING AND STORAGE**

General	Neutral water based fragrance emulsion. Use standard industrial good practices. Use according to directions. Keep out of eyes and off of skin. Keep containers closed when not in use.
Protective equipment	
Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.
Skin	Impermeable gloves such as rubber, PVC or neoprene are recommended.
Respiratory protection	None normally required.
Ventilation	Standard commercial ventilation is adequate.
Other	None

**SECTION 6- HEALTH SAFETY DATA**

Effects of acute or chronic over exposure	
Eyes	Solution is irritating to eyes. No chronic effects known.
Skin	Can cause irritation from repeated exposure.
Inhalation	Not a likely source of chronic exposure.
Ingestion	Not a likely source of chronic exposure.

**SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA**

Explosive limits	Flash point:	See Sec 4
Lower None	Upper None	Conditions to avoid: None known
Chemical stability	Stable	Hazardous decomposition products: None.
Hazardous polymerization	Cannot occur	Incompatibility: None known.

**SECTION 8- EMERGENCY RESPONSE PROCEDURES**

Fire	Extinguishing media	Use equipment appropriate to the main cause of the fire.
	Special procedures	None
	Unusual hazards	None
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention if pain persists.
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation	If affected, remove individual to fresh air.
	Ingestion	Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.
Spills	Small / large spill	Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied.

MSDS prepared by: R.N. Miller 1-800-342-3577