#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### **PRODUCT NAME:** 90 NIS

DISTRIBUTOR:	Oregon Vineyard Supply
ADDRESS:	2700 NE St.Joseph Rd. McMinnville, OR 97128
PHONE:	(800) 653-2216

#### EMERGENCY CHEMTREC PHONE: US: 1-800-424-9300 International: 1-202-483-7616

CHEMICAL NAME:	Proprietary blend
CHEMICAL FAMILY:	Surfactant blend
CHEMICAL FORMULA:	Mixture

PRODUCT USE: Agricultural surfactant

**SECTION 1 NOTES:** None

### **SECTION 2: HAZARDOUS INGREDIENTS**

#### **GHS Ratings:**

**Toxicity Categories: NONE** 

Signal Word: NONE

Hazard Symbol: NONE

#### **GHS HAZARDS** NONE classified

#### Precautions

P102 Keep out of reach of children. P103 Read label before use. P233 Keep container tightly closed. P234 Keep only in original container. P261 Avoid breathing dust, fume, gas, mist, vapors or spray. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P281 Use personal protective equipment as required. P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell. P302+352 IF ON SKIN: Wash with plenty of soap and water. P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously.

### **SECTION 3: HAZARDS IDENTIFICATION**

INGREDIENT	CAS NO.	<u>% WT</u>
Glycerine	56-81-5	50-60%
Proprietary	Proprietary	5 – 10%
Proprietary	Proprietary	1 – 5%

NOTE: Product does NOT contain any pesticides or pest control agents.

SECTION 3 NOTES: These specific chemical identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

CARCINOGENICI	ТҮ							
OSHA:	No	ACGIH:	No	NTP:	No	IARC:	No	OTHER: No

90 NIS

#### **SECTION 4: FIRST AID MEASURES**

Have the product container with you when calling a poison control center or doctor, or going for treatment.

*IF IN EYES:* Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap water for several minutes. If skin irritation occurs: Get medical advice or attention.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

*IF INHALED*: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

#### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

#### SECTION 5: FIRE FIGHTING MEASURES

1	REACTIVITY:	0	OTHER: -
	,		or small fires and water fog or foam (alcohol, Vater stream may spread flames.
extinguis	shed with carbon dic	xide or d	ams on larger fires. Smaller fires should be ry chemical. Do not use water or foam directly on the paratus with fighting any fire in an enclosed area.
Do not ι	use water or foam di	ectly on	the fire.
None			
None			
	polymer Use alco extinguis fire. Use Do not u None	Use carbon dioxide or dry ch polymer, or ordinary) for larg Use alcohol-type or universa extinguished with carbon dio fire. Use self-contained breat Do not use water or foam dir None	Use carbon dioxide or dry chemical for polymer, or ordinary) for large fires. V Use alcohol-type or universal-type for extinguished with carbon dioxide or d fire. Use self-contained breathing app Do not use water or foam directly on None

SECTION 6: ACCIDENTAL RELEASE MEASURES

 ACCIDENTAL RELEASE MEASURES: Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

 SECTION 6 NOTES:
 None

SECTION 7: HANDLING AND STORAGE

	Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Use personal protective equipment as required.
	Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.
SECTION 7 NOTES:	None

90 NIS

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:	Normal room ventilation (mechanical) or outdoor use should be satisfactory.		
<b>RESPIRATORY PROTECTION:</b>	Wear a NIOSH/OSHA approved respirator, approved for use with propionic acid, if necessary.		
EYE PROTECTION:	Chemical goggles and face shield.		
SKIN PROTECTION:	Impervious gloves, long-sleeved shirts and pants.		
OTHER PROTECTIVE CLOTHING OF	EQUIPMENT: Eye wash and safety shower should be easily accessible.		
WORK HYGIENIC PRACTICES:	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.		
EXPOSURE GUIDELINES:	If exposed, see section 4 for acute exposure first aid.		
SECTION 8 NOTES:	None		

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: ODOR:	Light brown, clear to slightly cloudy Mild characteristic	FLAMMABLE LIMITS IN AIR, UPPER: Unknow (% BY VOLUME) LOWER: Unknow	
ORDER THRESHOLD;	Not known	VAPOR PRESSURE (mmHg): @ Unkn F: Unkn	
PHYSICAL STATE:	Liquid	C: Unkn	iown
pH AS SUPPLIED: pH (Other):	Not applicable	VAPOR DENSITY (AIR = 1): @ Unkn F: Unkn C: Unkn	own
INITIAL BOILING POINT:	F: Unknown C: Unknown	RELATIVE DENSITY: 1.205 to	1.241
BOILING POINT RANGE:	F: Unknown C: Unknown	EVAPORATION RATE: Unknow BASIS (butyl acetate=1):	n
MELTING POINT:	F: Unknown C: Unknown	SOLUBILITY IN WATER: Soluble	
FREEZING POINT:	F: Unknown C: Unknown	PARTITION COEFFICIENT: (n-octanol/water):	Unknown
FLASH POINT:	<b>F</b> : >200	AUTO-IGNITION TEMPERATURE: Unknown	n
	<b>C</b> : >93	DECOMPOSITION TEMPERATURE: Unknow	n
METHOD USED:	PMCC	VISCOSITY: @ Unkno F: Unkno	
FLAMMABILITY (solid, gas)	: Can burn	C: Unkn	•

SECTION 9 NOTES: Values are not product specifications. Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

90 NIS

SECTION 10: STABILITY AND REACT	ΓΙVΙΤΥ			
STABILITY: Stable	Unstable O			
CONDITIONS TO AVOID (STABILITY)	: Avoid extremely high heat or open flame directly applied.			
INCOMPATIBILITY (MATERIAL TO A)	<b>/OID):</b> Do not use with aluminum equipment at temperatures above 49 °C (120 °F).			
HAZARDOUS DECOMPOSITION OR E	BY-PRODUCTS: None known except under fire conditions.			
HAZARDOUS POLYMERIZATION:	Will not occur			
CONDITIONS TO AVOID (POLYMERIZ	ZATION): None known			
SECTION 10 NOTES:	None			
SECTION 11: TOXICOLOGICAL INFO	RMATION			
TOXICOLOGICAL INFORMATION:				
TOXICOLOGICAL INFORMATION.				
MIXTURE TOXICITY	LD50 Acute oral toxicity >5000mg/kg (Rat) LD50 Acute dermal toxicity >5050mg/kg (Rabbit) Acute eye Irritation (Rabbit) scored 8.0 out of 110 effects cleared in 7 days. Acute Dermal irritation (Rabbit) 0.0 out of 8.0 based on a 72 hour observation.			
COMPONENT TOXICITY	None			
SECTION 11 NOTES:	None			
SECTION 12: ECOLOGICAL INFORM	ATION			
ECOLOGICAL INFORMATION: ECOTOXICITY:	Not available			
BIOACCUMULATIVE POTENTIAL:	Not available			
MOBILITY IN SOIL:	Not available			
OTHER ADVERSE EFFECTS:	Not available			
SECTION 12 NOTES:	None			
SECTION 13: DISPOSAL CONSIDERA	ATIONS			
WASTE DISPOSAL METHOD:	Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations.			
CONTAINER DISPOSAL:	Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.			
RCRA HAZARD CLASS:	None			
SECTION 13 NOTES:	None			
SECTION 14: TRANSPORT INFORMA	TION			
U.S. DEPARTMENT OF TRANSPORTATION				
DOT Shipping Description:	Not Regulated			
U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.				

OTHER AGENCIES: None
SECTION 14 NOTES: None

PAGE 4 OF 5

90 NIS

SECTION 15: REGULATORY INFORM	SECTION 15: REGULATORY INFORMATION		
U.S. FEDERAL REGULATIONS			
TSCA (TOXIC SUBSTANCE CONT	TROL ACT): Mixture not listed		
CERCLA (COMPREHENSIVE RES	SPONSE COMPENSATION, AND LIABILITY ACT): Not Regulated		
SARA TITI E III (SUPERFUND AM	ENDMENTS AND REAUTHORIZATION ACT): Not Regulated		
311/312 HAZARD CATEGORIES:	, ,		
313 REPORTABLE INGREDIENTS	s: None		
INTERNATIONAL REGULATIONS:	None		
SECTION 15 NOTES:	None		
SECTION 16: OTHER INFORMATION			

OTHER INFORMATION:

None

#### DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.