

534 CR 529A Lake Panasoffkee, FL 33538 800-476-6674 352-793-1682 agri@uas-cropmaster.com www.uas-cropmaster.com

# Safety Data Sheet (OSHA 29 CFR 1910.1200)



# Section 1 - Product and Company Identification

**Product** Combine

**Company** UAS of America

534 CR 529A

Lake Panasoffkee, FL 33538

**Emergency Phone** 352-793-1682

800-476-6674

**Phone** 

**Product Use** Nonionic Surfactant

# Section 2 - Composition and Information on Ingredients

<b>Component Ingredients</b>	Hazardous	Percent	<b>CAS Number</b>	Threshold Limit Values			
				OS PEL	HA STEL	ACC TLV	GIH STEL
Emulsifing Agent	No	100%		-N	ONE EST	ABLISHE	D-
Emulsifing Agent	No	100		-N	ONE EST	ABLISHE	D-

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# Section 3 - Hazard Identification

#### **Potential Health Effects**

EMERGENCY OVERVIEW: ROUTES OF ENTRY:

Inhalation: No Skin: No Ingestion: Unlikely

#### POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause irritation or dermatitis in sensitive individuals.

INGESTION: Do not consume. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other

medically related problems.

INHALATION: Generally not considered and inhalation hazard.

CHRONIC AND ACUTE HEALTH HAZARDS: Eye contact may cause irritation. Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

CARCINOGENICITY: No OSHA: No NTP: No IARC: No OTHER:

Section 3 NOTES:

# Section 4 - First Aid Measures

✓ Skin Contact	Skin Absorption	✓ Eye Contact	☐ Inhalation	✓ Ingestion
Skin Contact	Dry and/or red itchy skin- Flus	h with water for 15 minut	tes. Get medical attentior	if irritation persists.
Skin Absorption	Dry and/or red itchy skin- Flus	h with water for 15 minut	tes. Get medical attentior	if irritation persists.
Eye Contact	Eye irritation- Flush with wate	r for 15 minutes. Get med	dical attention if irritation	persists.
Inhalation	Generally not considered an ir	halation hazard.		
Ingestion	If conscious, immediately give immediately.	large quantities of water	and induce vomiting. Se	ek medical attention

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# Section 5 - Fire Fighting Measures

☐ Flammable

Flammable Conditions None. Solution is non-flammable.

Methods of Extinguishing Water, water fog or foam. Use media suitable to extinguish source of fire.

Flashpoint degrees (c) None

Flashpoint Method N/A

AutoIgnition Temp (c) N/A Upper Flammable Limit (% by volume) N/A

Lower Flammable Limit (% by volume) N/A

**Explosion - Sensitivity to Impact** 

N/A

**Explosion - Sensitivity to Static Discharge** 

N/A

**Protection and Procedures for FireFighters** 

Product is not combustible.

**Protective Equipment for Firefighters** 

Use media suitable to extinguish source of fire.

### Section 6 - Accidental Release Measures

#### **Leak and Spill Procedures**

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. Material Released or Spilled: Promptly mop up or pump up material and place in suitable container for use as a fertilizer or for disposal.

Section 6 NOTES:

### Section 7 - Handling and Storage

#### **Handling Procedures and Equipment**

Keep away from fire and open flames; do not overheat.

#### **Storage Requirements**

Store in a cool, dry location in a sealed container below 30 C; prevent from freezing.

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# Section 8 - Exposure Controls - Personal Protection

#### **Specific Engineering Controls**

VENTILATION: Adequate ventilation required to maintain a fresh airflow.

✓ Gloves ✓ Respirator ✓ Eye ✓ Footwear ✓ Clothing □ Other

#### **Personal Protective Equipment**

RESPIRATORY PROTECTION: If mist or dust conditions should be present use respirator approved by NIOSH.

EYE PROTECTION: Goggles or face shield.

SKIN (Hands, Arms, and Body) PROTECTION: Adequate clothing should be worn to prevent skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath, safety shower.

WORK HYGIENIC PRACTICES: Wash all clothing before wearing. Wash all exposed skin surfaces with soap and water after using

this product.

EXPOSURE GUIDELINES: LOCAL EXHAUST: Adequate

Section 8 NOTES:

# Section 9 - Physical and Chemical Properties

Physical State	Liquid
Odor and Appearance	Pale Liquid, Mild Odor
Solubility in Water	>10%
Specific Gravity	1.06
Vapor Density (air = 1)	>1
Vapor Pressure (mmHg)	68°F/20 °C <1 mmHg
<b>Evaporation Rate</b>	N/A
Boiling Point (° C)	N/A
Freezing Point (°C)	N/A
pH @ 20 Celcius	6-7
Coefficient of Water/Oil Distribution	N/A

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# Section 10 - Stability and Reactivity

#### **✓** Chemical Stability

#### **Stability Conditions**

Stable under normal conditions

#### ✓ Incompatibility with Other Substance

#### Incombatiblity conditions

Sparks, heat, and open flames. Avoid strong bases at high temperatures, strong acids, strong oxidizing agents, and materials reactive with hydroxyl compounds.

#### **Reactivity Conditions**

None

#### **Hazardous Decomposition Products**

None under normal conditions of use

# Section 11 - Toxicological Information

#### **Effects of Acute Exposure**

Eye contact may cause irritation.

#### **Effects of Chronic Exposure**

Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

Irritancy	Yes		
Skin Sensitization	Yes	Respiratory Sensitize	NO
Carcinogenicity - IARC	NO	Carcinogenicity - ACGIH	NO
Reproductive	NO	Teratogenicity	NO
Embrotoxicity	NO	Mutagenicity	NO

# Section 12 - Ecological Information

#### **Ecological Information**

BIODEGRADATION: Long term degradation products may arise.

### Section 13 - Disposal Considerations

#### **Waste Disposal**

If product cannot be disposed of according to use directions on label. Dispose of in accordance with federal, state, and local environmental laws and regulations.

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# Section 14 - Transportation Information

U.S. DOT Not Regulated

IMDG Not Regulated

ICAO/IATA Not Regulated

### **Transport Information**

Not Regulated by DOT

# Section 15 - Regulatory Information

Health Hazard	0	Exposure under fire conditions would offer no hazard beyond that of ordinary combustible
		materials.

**Fire Hazard** 0 Materials that will not burn.

**Instability** 0 Exposure under fire conditions would offer no hazard beyond that of ordinary combustible

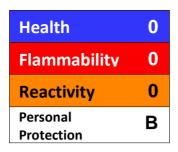
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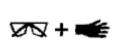
**Special Hazard** 

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### Section 16 - Other Information / Warranty / Disclaimer

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Health Hazard 0 No significant risk to health

Flammability 0 Materials that will not burn

**Reactivity**0 Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection B Safety Glasses + Gloves

#### Disclaimer

HMIS Ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on MSDS's by OSHA's CFR 1910.1200, we choose to provide them as a service to our customers using HMIS. These ratings are to be used only with a fully implemented HMIS program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS Implementation Manual.

When two ratings are provided for Health, the first represents the material 'as supplied,' and the second represents the material in use.'

#### Other Information

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