

1. PRODUCT AND COMPANY IDENTIFICATION**Identification of the substance or mixture**

Product Name FARMWORKS 80/20 SURFACTANT
Chemical Name Mixture of surfactants (nonionic and anionic) and coupling agents

Use of the Substance/Mixture

Recommended Use Nonionic surfactant

Company/Undertaking Identification

Distributed by Ragan & Massey, Inc.
 101 Ponchatoula Parkway
 Ponchatoula, Louisiana 70454
 United States

Emergency and contact telephone numbers

Emergency telephone number	1 (800) 434-9300	CHEMTREC® (24 hrs)
	1 (703) 527-3887	
	1 (800) 222-1222	Poison Control Center
Contact telephone number	1 (800) 264-5281	Product Information
	1 (985) 386-6042	

2. HAZARDS IDENTIFICATION

(As defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200)

GHS Classification

Acute Toxicity Category 4 (oral), H302
Skin Irritation Category 2, H315
Eye Irritation Category 2B, H320
Inhalation Toxicity Category 4 (inhalation), H332



H302, H315, H332

Signal Word: **Warning**

Hazard Statements:

H302 Harmful if swallowed.
H315 Causes skin irritation.
H320 Causes eye irritation.
H332 Harmful if inhaled.

Precautionary Statements: Prevention

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264	Wash protective equipment and work clothes thoroughly after handling.
P270	Do not eat, drink or smoke when using product.
P271	Use only outdoors in well-ventilated area.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
Response	
P301 + P312	IF SWALLOWED: Call a POISON CENTER / doctor or Chemtrec if person feels unwell.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a poison center / doctor or Chemtrec if person feels unwell.
P321	Treat symptomatically.
P330	Rinse mouth.
P332 + P313	If skin irritation occurs: Get medical advice or attention.
P337 + P313	If eye irritation persists: Get medical advice or attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
Disposal	
P501	Dispose of contents / container to disposal plant in accordance with federal, state and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Percentage	CAS-Number
Glycerol, Sodium Xylene Sulfanate, Alkyl Phenol Ethoxylate	80%	Mixture

4. FIRST AID MEASURES

IF SWALLOWED	Call a POISON CENTER / doctor or Chemtrec if person feels unwell. Rinse mouth. Have person sip a glass of water if able to swallow.
IF ON SKIN	Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.
IF INHALED	Remove person to fresh air and keep comfortable for breathing. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER / doctor or Chemtrec if person feels unwell.
IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

If exposed or concerned: Call a POISON CENTER / doctor or Chemtrec.

Medical conditions aggravated by exposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Other effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, foam, CO ₂ or dry chemicals may be used in areas where this product is stored.
Specific Hazards	None.
PPE and Precautions	Firefighters should wear NIOSH / MSHA approved self-contained breathing apparatus and full protective clothing. Heat may build pressure and rupture closed containers spreading fire and increasing the risk of injury. Notify the proper authorities if liquid material enters the sewer or public water.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill	Evacuate the spill area, except for cleanup personnel. Wear personal protective (PPE). Control spill with absorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal.
Disposal	Product is slippery underfoot; flush smooth surfaces thoroughly. Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Keep away from heat, sparks and flame. Keep container closed. Wear appropriate equipment and clothing to prevent repeated or prolonged skin contact as referenced in Section 8 below. Product should be stored in a dry place. Store between 40°F and 120°F. Partially used containers should be resealed between uses for maximum storage stability.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Composure Exposure Limits	None
Eye / Face Protection	Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.
Skin Protection	Wear chemically impervious gloves, long-sleeved shirt, pants, socks and shoes to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.
Respiratory Protection	Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer

specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, gold to amber liquid	Melting Point	< 40°F
Odor	Mild odor	Boiling Point	212°F
Odor Threshold	No data	Flash Point	175 to 180°F
pH	6.0 – 8.0	Evaporation Rate	No data
		Flammability	No data

10. STABILITY AND REACTIVITY

Stability	Stable	Relative Density	10 lbs / gallon
UEL	No data	Solubility in water	Soluble
LEL	No data	Partition Coefficient	No data
Vapor Pressure	No data	Autoignition Temperature	No data
Vapor Density	No data.	Decomposition Temperature	No data
Possibility of Hazardous Reactions	Hazardous polymerization will not occur		
Conditions to Avoid	Avoid heat and open flame		
Incompatible Materials	Isolate from strong oxidizing agents		
Hazardous Decomposition Products	Combustion may yield carbon oxides and other asphyxiates		

11. TOXICOLOGICAL INFORMATION

Oral	LD ₅₀ ≥ 1,300 mg/kg (rat)
Dermal	LD ₅₀ ≥ 2,000 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions	Dispose of material in compliance with applicable federal, state and local environmental regulations. Recycle or rework material if at all possible. Incinerate material at an approved facility, or treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval of waste samples.

Container Reuse An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. **Dispose of container to disposal plant in accordance with federal, state and local regulations.**

14. TRANSPORT INFORMATION

DOT Status (Highway and rail) Not regulated
IATA Status (Air) Not regulated
Marine Pollutant No

15. REGULATORY INFORMATION

TSCA All components of this product are listed under the regulation of the Toxic Substance Control Act.
SARA Hazard No

16. OTHER INFORMATION

HMIS Hazard Rating	Health		1		
	Flammability		2		
	Physical Hazard		0		
	Personal Protection		X		
	4=Severe	3=Serious	2=Moderate	1=Slight	0=Minimal

NFPA Rating



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Preparation Date

24-January-2017