



Safety Data Sheet

Ragan & Massey, Inc. 80/20 Surfactant
REVISION DATE: 03/06/18
TRANSPORTATION: EMERGENCY PHONE NUMBER (CHEMTRAC) : 800 424 9300
CHEMICAL NAME: Mixture of surfactants(nonionic and anionic) and coupling agents.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 80/20 Surfactant
Supplier: Ragan & Massey, Inc.
100 Ponchatoula Pkwy.
Ponchatoula, LA 70454
Product Use: Nonionic Surfactant
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call: (325) 643-8038

2. HAZARDS IDENTIFICATION

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 this product.
P271: Use only outdoors or in a 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 attention or advice.
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

<u>Component</u>	<u>CAS Number</u>	<u>Weight %</u>
Nonylphenol	84852-15-3	0 - 80%
Water	7732-18-5	0 - 20%

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 Overexposure: 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. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water spray, foam, CO₂, 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 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 equipment (PPE). Control spill with adsorbent 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 under foot; 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

Component Exposure Limits: None.

Eye/Face Protections: 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
Odor:	Mild odor
Odor Threshold:	N/D
pH:	6 to 8
Melting Point:	<40°F
Boiling Point:	212°F
Flash Point:	175 to 180°F
Evaporation Rate:	N/D
Flammability:	N/D

10. STABILITY AND REACTIVITY

Stability: Stable

UEL: N/D

LEL: N/D

Vapor Pressure: N/D

Vapor Density: N/D

Relative Density: 10 lbs/gallon

Solubility in water: Soluble

Partition Coefficient: N/D Autoignition Temperature: N/D Decomposition Temperature: N/D



Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Condition 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: LD50 ≥ 1300 mg/kg (rat)
Dermal: LD50 ≥ 2000 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

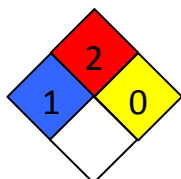
15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

NFPA Rating

HMIS Hazard Rating	
HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	X





Revision Date

03/06/2018

Revision Note

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of Ragan & Massey, Inc. knowledge; however, Ragan & Massey, Inc. makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.