

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 206 Openwide Flow Improver



MATERIAL SAFETY INFORMATION SERVICE

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Date Prepared: 11/17/1999 Last Reviewed: 3/1/2000

Meets OSHA 29 CFR 1910.1200

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA Reportable
Biochemical Terpene Microemulsion				
Terpene mixture (CAS 68956-56-9)	N/A	N/A	N/A	N/A
Nonionic Surfactant (NJTSR 12810000000-100)	N/A	N/A	N/A	
Alkanolamide (NJTSR 12810000000-1002p)	N/A	N/A		
Triethanolaminedodecylbenzenesulfonate (CAS 27323-41-7)	N/A	N/A		

HMIS Hazard Rating: Health: 1 Flammability: 2 Reactivity: 1 Personal Protection: G

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):	Specific Gravity (H ₂ O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
220° F	0.95	>Air	Not determined
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
6° F	Not determined.	Completely	
Appearance And Color:	Transparent light straw, amber with age.		Odor: Sweet pine.

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
130°F Tag. Closed Cup	Not determined	N/A	N/A

Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide or any Class B extinguishing agent.

Special Firefighting Procedures:

Fire fighters exposed to vapors should wear NOISH/OSHA approved, SCBA. Use a water spray to cool containers of product to avoid pressure build-up.

Unusual Fire And Explosion Hazards:

None.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

CAUTION: Do not use combustible or flammable absorbents for spill removal. Large Spills: Provide maximum ventilation and eliminate all sources of ignition. Only personnel equipped with NIOSH/MSHA approved SCBA should be permitted in the area. Dike area and pump spilled material into metal containers for disposal or reclaiming. Use noncombustible absorbents such as clay, sand or vermiculite. Place in metal containers for disposal. Use water on spill residue and wet vacuum or flush to waste water drain. Notify health and pollution control authorities promptly. Small Spills (1 gallon): Provide ventilation. Wear and use appropriate protective equipment. Recover with non combustible absorbent as above. Discard as sanitary waste. Water rinse residue to drain or mop up diluted product.

Waste Disposal Method:

This product and its mixing with absorbents may become ignitable waste. Discard product and/or containers in accordance with Clean Air Act, Clean Water Act, Resource Conservation and Recovery Act (RCRA), as well as any other relevant Federal, State or local laws/regulations regarding disposal.

Precautions To Be Taken In Handling And Storing:

Storage: Store in original container away from open flames, other sources of ignition and high heat. Keep container closed when not in use. Avoid contact with food. **KEEP OUT OF REACH OF CHILDREN.** **Handling:** Do NOT get in eyes. Do NOT wear contact lenses. Wash after handling. Avoid breathing of concentrated mist or vapor. Do not take internally. Avoid contact with strong oxidizing agents.

Other Precautions:

None

Section 8 - Control Measures:**Respiratory Protection:**

None

Ventilation: Local Exhaust None
Mechanical

Special

Gloves: Solvent impervious gloves with reape

Other: N/A

Eye Protection: Splash goggles and/or immediate source of cle

Other Protective Clothing:

Work/Hygienic Practices Avoid breathing of concentrated vapors or mist. Avoid prolonged exposure to skin.



FACTS
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AST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.