

Section 1: Identification

Common Name/Trade Name	JELENE	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	Plastibase; Plasticized hydrocarbon gel	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not classified.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	N/A
Ingredient(s) with Unknown Toxicity	5.5% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.

Section 3: Composition/Information on Ingredients

Chemical Name	JELENE		
Common Name	JELENE		
CAS Number	N/A		
Additional Ingredient Information	Other ingredients: Non-Hazardous Ingredients < 10 %		
	Material	Percent	CAS
	Mineral Oil	>= 90%	8042-47-5
Impurities and/or Stabilizing Additives	N/A		

Section 4: First Aid Measures

General Advice	Employees, who are pregnant, are breast-feeding, or who are concerned with other reproductive issues should be encouraged to consult with the occupational health physician monitoring worker's health.
If Inhaled	Move to fresh air. Oxygen or artificial respiration if needed. Obtain medical attention.
In Case of Skin Contact	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
In Case of Eye Contact	Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention.
If Swallowed	Obtain medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Most Important Symptoms and Effects	Notes to Physician: Refer to Section 11.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media: Dry chemical, Water spray, Foam Unsuitable extinguishing media: Do NOT use water jet.
Special Hazards Arising From the Substance/Mixture	Specific hazards: Not available
Special PPE and/or Precautions for Firefighters	Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus. Hazardous Combustion Products: carbon oxides (COx) Decontaminate protective clothing and equipment before reuse.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Examples include tightly fitting safety goggles, lab coat and impervious gloves. Wear respiratory protection. Depending on the nature of the spill (quantity and extent of spill) additional protective clothing and equipment such as a self-contained breathing apparatus may be needed.
Methods and Materials Used for Containment	Prevent release to drains and waterways. Prevent release to the environment.
Cleanup Procedures	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations (see section 13). Contain and collect spillage and place in container for disposal according to local regulations (see Section 13). Handle waste materials, including gloves, protective clothing, contaminated spill cleanup material, etc., as appropriate for chemically and pharmacologically similar materials.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid exposure -obtain special instructions before use. Avoid inhalation of vapour or mist. Keep away from heat and sources of ignition. Prevent release to drains and waterways. Store in sturdy containers appropriate to maintain the integrity of this material for its intended use. Store in spill containment pallet or other device to confine spills.
Conditions for Safe Storage	Store above 4C (39F) and below 30C (86F). Protect against light. Keep away from heat, sparks and flames. Do not store near incompatible substances. Refer to Section 1

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Exposure limit(s), Mineral Oil, ACGIH: 10 mg/m ³ , STEL 5 mg/m ³ TWA 10 mg/m ³ . STEL sampled by method that does not collect vapor. 5 mg/m ³ TWA sampled by method that does not collect vapor. Occupational Exposure Limits have been established by: - Belgium - Czech Republic - Denmark - Spain - Finland - Greece - Hungary - Ireland - The Netherlands - Norway - Poland - Portugal - Sweden. General - The health hazard risk of handling this material is dependent on many factors, including physical form, % API in material being handled, duration and frequency of process task, and effectiveness of controls. If it is necessary to handle this compound outside of engineering controls, an exposure risk assessment should be conducted and procedures documented by a qualified EHS professional.
Appropriate Engineering Controls	If significant aerosol (mist) is generated, use process enclosures, containment and technology, or other engineering controls to keep airborne levels below recommended exposure limit. When handling quantities up to 1.5 grams, a standard laboratory with general laboratory dilution ventilation (e.g. 6-12 air changes per hour) is appropriate. When handling quantities from 1.5 grams to 1 kilogram, work in a standard laboratory using a fume hood; biological safety cabinet (Class II, all types), approved vented enclosure; specific local exhaust. Quantities exceeding 1 kilogram should be handled in a designated laboratory. A laminar flow/powder containment booth is recommended for handling >1 kilogram of active substance. When handling solutions with low energy operations (pipette transfers, pouring, low-velocity stirring, fraction collection, etc.) use protective shielding to limit the spread of splash or splatter. Wash hands and face before breaks and immediately after handling the product. Prevent release to drains and waterways.
PPE - Eye/Face Protection	Safety glasses with side-shields are recommended (EN 166). Face shields or chemical safety goggles (EN 166) may be required if splash potential exists or if corrosive materials are present. Note: Choice of eye protection may be influenced by the type of respirator which is selected.
PPE - Skin Protection	Impervious nitrile, rubber and latex gloves are recommended. Please note that employees who are allergic to natural rubber latex should use nitrile gloves.
PPE - Body Protection	Wear a laboratory coat (EN340) when handling quantities up to 1 kilogram. For quantities over 1 kilogram, wear laboratory coat (EN 340) or coverall of low permeability.
PPE - Respiratory Protection	Use and selection of respiratory protection are based upon engineering controls in use and potential for aerosol generation. When engineering controls are not sufficient control exposure, wear an approved respirator with NIOSH Class 100 or high efficiency particulate (HEPA) filters or cartridges (EN 140/EN 136) when exposures are up to 10 times the exposure control guideline. Wear a loose-fitting (Tyvek or helmet type) HEPA powered-air purifying respirator (PAPR) (EN 12941) when exposures are 10-25 times the exposure control guideline. Wear a full facepiece negative pressure respirator with Class 100 or HEPA filters (EN 136) when exposures are 25-50 times the exposure control guideline. Wear a tight-fitting, full facepiece HEPA PAPR (EN 12942) when exposures are 50-100 times the exposure control guideline. Wear a hood-shroud HEPA PAPR (EN 12941) or full facepiece supplied air respirator (EN 139) operated in a pressure demand or other positive pressure mode when exposures are 100-1000 times the exposure control guideline.

Section 9: Physical and Chemical Properties

Appearance	Physical State: liquid. Color: white translucent. Form: Paste
Upper/Lower Flammability or Explosive Limits	Not available
Odor	Not available
Vapor Pressure	Not available
Odor Threshold	Not available
Vapor Density	Not available
pH	Not available
Relative Density	Not available
Melting Point/Freezing Point	Not available
Solubility	Not available
Initial Boiling Point and Boiling Range	230 °C
Flash Point	115-268 °C (Mineral oil component)
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available
Partition Coefficient	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

Section 10: Stability and Reactivity

Reactivity	Stable under recommended storage conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Not available
Incompatible Materials	strong oxidizing agents
Hazardous Decomposition Products	Hazardous decomposition products formed under fire conditions.: carbon oxides (COx)

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Acute Oral Mineral Oil LOSO (rat, males and females): > 5,000 mg/kg Acute Dermal Mineral Oil LOSO (rabbit, males and females): > 2,000 mg/kg Acute inhalation toxicity Mineral Oil LCSO (rat): > 5 mg/l/4 H. Repeated Dose toxicity: Mineral Oil 90 days oral (daily) rat study with recovery period (28 days) (males and females): LOEL = 1.7 mt/kg; Low dose microscopic effects include: liver, lymph nodes.
Acute Toxicity - Inhalation	Not available
Acute Toxicity - Dermal	Not available
Acute Toxicity - Eye	Mineral Oil Mildly and/or transiently irritating to eyes
Skin Corrosion/Irritation	Mineral Oil Not irritating to skin.
Serious Eye Damage/Irritation	Mineral Oil Mildly and/or transiently irritating to eyes
Respiratory or Skin Sensitization	Not available. Mineral Oil Not a dermal sensitizer
Germ Cell Mutagenicity	Mineral Oil Mutagenicity Assessment Not classified as mutagen according to GHS criteria.
Carcinogenicity IARC	Mineral Oil Carcinogenicity Assessment This material did not show carcinogenic potential in animal studies.
Carcinogenicity ACGIH	Mineral Oil Carcinogenicity Assessment This material did not show carcinogenic potential in animal studies.
Carcinogenicity NTP	Mineral Oil Carcinogenicity Assessment This material did not show carcinogenic potential in animal studies.
Carcinogenicity OSHA	Mineral Oil Carcinogenicity Assessment This material did not show carcinogenic potential in animal studies.
Reproductive Toxicity	Mineral Oil Assessment Reproductive Toxicity Data indicate that this compound is not a reproductive hazard. This compound and/or its metabolites may be excreted into the milk. Mineral Oil Developmental Toxicity Assessment Available data do not indicate a potential for selective developmental toxicity.
Specific Target Organ Toxicity - Single Exposure	Not available. Mineral Oil Acute exposure General effects low exposure - acute effects include: vomiting, diarrhea, weakness, inhalation of oil mist or aerosol may cause lipoid pneumonia. low exposure - long term exposure effects include: skin effects.
Specific Target Organ Toxicity - Repeated Exposure	Not available
Aspiration Hazard	Not available

Section 12: Ecological Information

Toxicity	Acute Toxicity To Fish - Mineral Oil - Lc50 (Lepomis Macrochirus, 96 H): > 10 G/L.
Persistence and Degradability	Not Available
Bio-accumulative Potential	Biodegradation - Mineral Oil - Inherent biodegradation (28 days): 20 %; Inherently biodegradable - biodegrades in the environment.
Mobility in Soil	Not available
Other Adverse Effects	Not available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. This information presented only applies to the material as supplied. Disposal by incineration is recommended.
Waste Treatment Methods Packaging	Not available
Special Precautions Landfill or Incinerations	Not available
Other Information	Not available

Section 14: Transport Information

UN Number	Not dangerous goods
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

No components listed on the SARA 313 inventory. TSCA Inventory: Mineral Oil (White)

Section 16: Other Information

Additional Information	HMIS: Health- 1, Flammability- 1, Reactivity- 0. NFPA: Health- 0, Fire- 1, Reactivity- 0, Special- ND
Prepared By	Scarlotte Smith
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