



MATERIAL SAFETY DATA SHEET

Product Name: Propofol Injectable Emulsion 1%

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer Name And Address	Hospira, Inc. 275 North Field Drive Lake Forest, Illinois 60045 USA
Note:	Hospira, formerly the Hospital Products Division of Abbott Laboratories, was created as an independent company in May 2004.
Emergency Telephone Hospira, Inc.	CHEMTREC: 800 424-9300 224 212-2055
Product Name	Propofol Injectable Emulsion 1%
Synonyms	2,6 – Diisopropylphenol, 2-6-DIP

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	2,6 - Diisopropylphenol
Chemical Formula	C ₁₂ H ₁₈ O

Component	Approximate Percent by Weight	CAS Number	RTECS Number
2,6 - Diisopropylphenol	1.0	2078-54-8	SL08100000
Benzyl Alcohol	0.2	100-51-6	DN3150000
Non-hazardous ingredients*	14	NA	NA
Water	85	7732-18-5	ZC0110000

Non-hazardous ingredients include Egg Lecithin, Soybean Oil, and Glycerin.

3. HAZARD INFORMATION

Emergency Overview	Propofol Injectable Emulsion is a phenolic compound used to induce and maintain anesthesia and sedation. It is administered intravenously. Target organs include the central nervous system.
Occupational Exposure Potential	Information on the absorption of this compound via ingestion and inhalation is not available.
Signs and Symptoms	No signs or symptoms from occupational exposure are known. Clinical data suggest adverse effects include slowed heart rate, decreased blood pressure, transient apnea, rash and cough. Reported to cause eye and skin irritation.
Medical Conditions Aggravated by Exposure	None Known.

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4. FIRST AID MEASURES

Eye Contact:	Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Skin Contact:	Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Inhalation:	Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic / supportive care as necessary.
Ingestion:	Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic / supportive care as necessary.

5. FIRE FIGHTING MEASURES

Flammability:	Flash Point 234°F
Fire & Explosion Hazard:	None
Extinguishing Media:	Use extinguishing media appropriate for primary cause of fire.
Special Fire Fighting Procedures	No special provisions required beyond normal fire fighting equipment such as flame and chemical resistant clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Spill Cleanup and Disposal	Absorb with suitable material and clean affected area with soap and water. Dispose of materials according to the applicable federal, state, or local regulations.
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7. HANDLING AND STORAGE

Handling	No special handling required.
Storage	No special storage required for hazard control. For product protection, store at temperatures of 4 - 22°C (40 - 72°F). Do not freeze.
Special Precautions	None

Product Name: Propofol Injectable Emulsion 1%**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Component	Exposure limits		
	OSHA-PEL	ACGIH-TLV	Hospira EEL
2,6 - Diisopropylphenol	8 hr TWA: Not Established	8 hr TWA: Not Established	8 hr TWA: 2.0 mg/m ³ STEL: 10.0 mg/m ³

Notes: OSHA PEL: US Occupational Safety and Health Administration – Permissible Exposure Limit
ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value.
EEL: Employee Exposure Limit.
TWA: 8 hour Time Weighted Average.
STEL: 15-minute Short Term Exposure Limit.

Respiratory Protection

Respiratory protection is not needed during normal product use.

Skin Protection

If solution contact with unprotected skin is likely, impervious gloves are a prudent practice.

Eye Protection

Eye protection is not required during typical product use conditions but may be warranted should a splash potential exist.

Engineering Controls

Engineering controls are not needed during normal product use conditions.

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance/Physical State	White, oil-in-water emulsion.
Odor	Slight phenolic odor
Boiling Point	242° C (468° F)
Freezing Point	Approximately that of water.
Vapor Pressure	0.142 mm Hg @ 20° C
Vapor Density (Air=1)	Not Determined
Evaporation Rate	Approximately that of water.
Bulk Density	Not Determined
Specific Gravity	0.955
Solubility	Soluble in water
pH	7.0 – 8.5

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable

Incompatibilities

None known.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide.

Hazardous Polymerization

Not expected.

Product Name: Propofol Injectable Emulsion 1%**11. TOXICOLOGICAL INFORMATION:****Acute Toxicity – Oral:**

Ingredient(s)	Percent	Test Type	Value	Units	Species
2,6 - Diisopropylphenol	100	LD50	518-1230	mg/kg	Rats, Mice
2,6 - Diisopropylphenol	100	LD50	> 2000	Mg/kg	Rabbits

LD50 is the dosage producing 50% mortality.

Product contains approximately 1% 2, 6-Diisopropylphenol.

Mutagenicity

Not Known

Dermal Irritation

Reported to have the potential to produce slight skin irritation.

Ocular Irritation

Reported to have the potential to produce slight eye irritation.

Target Organ Effects

In clinical use target organ effects include the central nervous system.

Carcinogenicity

Not Known

12. ECOLOGICAL INFORMATION:**Aquatic Toxicity** Not Available**13. DISPOSAL CONSIDERATIONS:****Waste Disposal** Disposal should be performed in accordance with the federal, state or local regulatory requirements.**Container Handling and Disposal** Dispose of container and unused contents in accordance with federal, state, and local regulations.**14. TRANSPORTATION INFORMATION****DOT Status** Not Regulated

Notes: DOT - US Department of Transportation Regulations

15. REGULATORY INFORMATION**TSCA Status** Not Regulated**CERCLA Status** Not Regulated**SARA Status** Not Regulated**RCRA Status** Not Regulated**PROP 65 (Calif.)** Not Regulated

Notes: TSCA, Toxic Substance Control Act

CERCLA, US EPA law, Comprehensive Environmental Response, Compensation, and Liability Act

SARA, Superfund Amendments and Reauthorization Act

RCRA, US EPA, Resource Conservation and Recovery Act

Prop 65, California Proposition 65

16. OTHER INFORMATION:

MSDS Coordinator: T. Straits MPH, CIH

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