

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: CoSept™ DM
Chemical Name: DMDM Hydantoin

Product Code: 0366

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza Suite 1620
Chicago, IL 60606 PH: 877-427-4255
USA

HMIS
Health: 2
Flammability: 0
Reactivity: 0
Gloves & Safety Glasses

Information: (908) 852-6128

Emergency: CHEMTREC - (800) 424-9300

Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS#</u>	<u>% Wt.</u>
DMDM Hydantoin	6440-58-0	54
Water	7732-18-5	45
Formaldehyde	50-00-0	1

Section 3 - Hazard Identification

Clear liquid; slight formaldehydic odor.

Potential Health Effects

Skin Contact: May cause slight skin irritation.
Eye Contact: May cause slight eye irritation.
Ingestion: Moderately toxic if taken orally.
Inhalation: May cause irritation if vapors are inhaled.

Section 4 - First Aid Measures

Skin Contact: Remove contaminated clothing and wash affected skin with soap and water.
Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.
Ingestion: Contact a physician. Meanwhile, if conscious, provide milk to drink.
Inhalation: Person should be moved to a fresh air environment. Contact a physician.

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: CO₂, Dry Chemical, Foam

Special Fire-Fighting Procedures: A MSHA/NIOSH approved self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: Cool fire exposed containers with water spray. Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.

Product Name: CoSept™ DM

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Containers should be kept tightly closed and stored in a dry well-ventilated location. Protect from freezing. Product will crystallize below 60°F (15.5°C), requiring reheating and mixing to resolubilize.

Section 8 - Personal Protection

ACGIH Threshold Limit Value (STEL): (Formaldehyde) 0.3 ppm ceiling

OSHA Permissible Exposure Limit (PEL/STEL): (Formaldehyde) 0.75 ppm/2 ppm

Hand Protection: Rubber gloves

Respiratory Protection: None required for normal operation.

Eye Protection: Safety glasses

Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.

Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	212°F	Specific Gravity:	1.13
Flash Point (CCC):	N/A	% wt. Volatile:	45
Solubility in Water:	Miscible		
Appearance and Odor:	Clear liquid; slight formaldehydic odor.		

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.

Conditions to Avoid: Mineral acids and strong alkalis. Avoid temperatures approaching 212°F unless precautions are taken to prevent loss of volatilization.

Hazardous Decomposition: Combustion may produce noxious and irritating gases including (but not limited to) carbon monoxide, carbon dioxide and formaldehyde.

Product Name: CoSept™ DM

Section 11 - Toxicological Information

Acute Toxicity:

Oral LD50 (rat): 3.3 g/kg
Inhalation LC50 (rat): >5 mg/l for four hr. test period
Skin irritancy (rabbit): mild irritant
Eye irritancy (rabbit): mild irritant

Section 12 - Ecological Information

No information available at this time.

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local, state and federal regulations. This material is not hazardous waste under current RCRA regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): Components of this product are listed on the TSCA inventory of the United States.

Domestic Substance List (DSL): Components of this product are listed on the DSL inventory of Canada.

European Inventory of Existing Chemical Substances (EINECS): Components of this product are listed on the EINECS of Europe.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards
Acute Health
Chronic Health

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

<u>Ingredients</u>	<u>%</u>
Formaldehyde	1

California Proposition 65: This product contains the following substances known to the State of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

<u>Ingredients</u>	<u>%</u>
Formaldehyde	1

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Section 16 - Other Information

Prepared By: AAC

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All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.