



## Safety Data Sheet

### Section 1: Company and Product Identification

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**Product Name:** DMI

**INCI Name:** Dimethyl Isosorbide

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** SOPHIX NATURAL AND AGRO PRODUCTS LTD  
5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling  
Station, Ojodu Berger, Lagos

**Emergency Number:** +234 7061111838

### Section 2: Hazards Identification

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**Hazard Pictograms:**

**Signal Word:** Not Applicable

**Hazard Classification:** This substance does not meet the criteria for a dangerous or hazardous

**Hazard Category:** Non-classified

**Hazard Statements:** Not Applicable

**Precautionary Statements:** Not Applicable

**Other Hazards:** None

### Section 3: Composition / Information on Ingredients

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Name	Hazard Category	CAS#	Weight %
Dimethyl Isosorbide	Not classified	5306-85-4	100%

**Additional Information:** None.



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#### **Section 4: First Aid Measures**

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**Notable Exposure symptoms:** No information available.

**If ingested:** If swallowed, call physician immediately.

**If inhaled:** Remove victim to fresh air. Seek medical attention if irritation or distress occurs.

**Eye contact:** Flush with water for at least 15 minutes. Consult physician if irritation persists.

**Skin contact:** Wash affected area with soap and water. Consult physician if irritation persists.

#### **Section 5: Fire Fighting Measures**

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**General Info:** Non-flammable. Use self-contained breathing apparatus, due to possible generation of toxic fumes.

**Extinguishing Method /** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam.

**Equipment:**

**Hazardous Decomposition Info:** May produce toxic oxides of carbon upon combustion.

#### **Section 6: Accidental Release Measures**

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**Personal precautions, protective equipment and procedures:** Use chemical safety goggles for eye/face protection.

**Environmental Precautions:** No information available.

**Containment Equipment and Procedures:** No information available.

**Cleanup Procedures:** Dike and soak up with inert absorbent material (e.g., sand, silica gel, sawdust). Remove and dispose of in accordance with Federal, State and local laws.

#### **Section 7: Handling and Storage**

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**Safe Handling Precautions:** Use with adequate ventilation. Avoid eye and skin contact

**Recommendations for Storage:** Keep container closed. Store in cool area.

**Specific End Use(s):** Not available.

## Section 8: Exposure Control / Personal Protection

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**Control Parameters:** No additional information available

**General / Engineering** Use local exhaust if misting occurs. Natural ventilation is adequate in absence of **Controls:** mists. HMIS PP, B | Goggles, Gloves

**Eye/face protection:** Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An eye wash facility should be available in the work area.

**Hand Protection:** Wear protective gloves

**Body Protection:** Skin contact should be minimized through use of suitable long-sleeved clothing (i.e., shirts and pants).

**Respiratory Protection:** None required under normal conditions of use

**Thermal Hazards:** None required under normal conditions of use

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

**Environmental Exposure** Avoid direct releases to the environment.

**Controls:**

## Section 9: Physical and Chemical Properties

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**Physical State:** Liquid

**Appearance:** Clear

**Color:** Colorless

**Odor:** Slight

**Odor Threshold:** No data available

**pH:** N/A

**Melting Point:** N/A

**Freezing Point:** N/A

**Boiling Point:** N/A

**Flash Point (COC):** 244°F, 118°C

**Auto-ignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Evaporation Rate:** Not applicable

**Vapor Pressure:** ~2

**Explosive Limits:** Not applicable

**Vapor Density:** Not determined

**Specific Gravity:** 1.16

**Water Solubility:** Soluble

**Viscosity (cP):** 5cs

**Explosion Properties:** N/A

**Oxidizing Properties:** Not available

**Partition coefficient:** Not available

**Octanol:** -2.1

**Other information:** None available

## **Section 10: Stability and Reactivity**

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**Reactivity:** Not reactive under normal conditions of use

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None known

**Reactions:**

**Conditions to Avoid:** None known

**Incompatible Materials:** None known

**Hazardous Decomposition Products:** May produce toxic oxides of carbon upon combustion.

**Products:**

## **Section 11: Toxicological Information**

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**Acute Toxicity:** Not determined

**Irritation:** Not determined

**Corrosivity:** Not determined

**Sensitization:** Not determined

**Repeated Dose Toxicity:** Not determined

**Carcinogenicity:** Not determined

**Mutagenicity:** Not determined

**Toxicity for reproduction:** Not determined

## **Section 12: Ecological Information**

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**Toxicity:** No ecotoxicity data available.

**Aquatic Toxicity:** No data available

**Persistence and Degradability:** No data available

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**Results of PBT and vPvB Assessment:** No data available

**Assessment:**

**Other Adverse Effects:** None known

**Product disposal:** Dispose of product in accordance with local, regional, and national regulations.

**Container disposal:** Dispose of container in accordance with licensed collector's sorting instructions.

**Other considerations:** No further information.

#### **Section 14: Transport Information**

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	<b>US DOT</b>	<b>EU Land Transport (ADR/RID/AND)</b>	<b>Sea Transport (IMDG)</b>	<b>Air Transport (ICAO/IATA)</b>
<b>UN Number:</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>UN Proper Shipping Name:</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>Transport Hazard Class(es):</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>Packing Group:</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>Environmental Hazards:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Special Precautions for User:</b>	None	None	None	None
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable	Not applicable	Not applicable	Not applicable

#### **Section 15: Regulatory Information**

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**SARA Title III, Section 302:** No hazardous substances.

**SARA Title III, Section 312:** No hazardous substances.

**SARA Title III, Section 313:** No chemicals present or none in regulated quantities.

**EU:** Not considered dangerous according to 99/45/EC as amended.

**Chemical Safety Assessment:** No information available.

## **Section 16: Other Information**

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**HMIS III:** Health 1, Flammability 0, Physical 0

**List of Relevant R-phrases** Not applicable  
(number and full text):

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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