

1. Identification of the Substance or Mixture and of the Supplier

GHS Product Identifier

Product Name	UP302
INCI Name	DIMETHOXYTOLYL PROPYLRESORCINOL
Recommended Use of the Substance/Mixture	Depigmenting and Brightening Agent

2. Hazards Identification

Classification of the Substance or Mixture

Not classified

GHS Label Elements, Including Precautionary Statements

Pictogram: No data available

Signal Word: No data available

Hazard Statements

No data available

Precautionary Statements

No data available

3. Composition/Information on Ingredients

INCI Name	Chemical Name	CAS No.	EC No.	Purity
DIMETHOXYTOLYL PROPYLRESORCINOL	Dimethoxytolyl-4- propylresorcinol	869743-37-3	Not classified	≥99%

4. First-Aid Measures

Description of Necessary First-Aid Measures

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|--------------------------------------|---|
| • Inhalation | If inhaled, move the victim to fresh air. |
| • Skin Contact | Remove contaminated clothing and wash skin thoroughly with soap and water. Seek medical attention if discomfort occurs. |
| • Eye Contact | Hold eyelids apart and rinse with running water or saline. Seek medical attention immediately. |
| • Ingestion | Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately. |
| • Advice for the Rescuer | Move the victim to a safe location. Consult a physician. Show this Safety Data Sheet to the attending physician. |
| • Special Note for Physicians | None. |

Acute/Chronic Effects

- | | |
|-----------------------|--|
| • Skin Contact | May cause skin irritation, with symptoms such as erythema and itching. |
| • Eye Contact | May cause eye irritation, lacrimation, etc. |
| • Treatment | Provide appropriate treatment based on the route of exposure and symptoms, such as skin cleansing, eye irrigation, and symptomatic management. |

5. Fire-Fighting Measures

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical powder, or carbon dioxide.

Unsuitable Extinguishing Media

Avoid using a direct water jet, which may cause the fire to spread.

Special Fire-Fighting Procedures

Firefighters must wear gas masks and full protective fire gear, and fight the fire from the upwind direction.

Specific Hazards Arising from the Substance or Mixture (Fire/Explosion Risk)

Combustible upon exposure to open flame or high heat.

Hazardous Thermal Decomposition Products

Combustion decomposition products may include carbon monoxide, carbon dioxide, etc.

Special Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus (SCBA), fire-resistant clothing, protective gloves, etc.

6. Accidental Release Measures

Personal Precautions and Protective Equipment

Emergency response personnel should wear self-contained breathing apparatus (SCBA), anti-static clothing, and oil-resistant rubber gloves. Do NOT touch or step over spilled material. All equipment used during operations should be grounded. Cut off the leak source as much as possible. Eliminate all ignition sources. Establish a warning zone based on the affected area of liquid flow, vapor, or dust dispersion. Evacuate non-essential personnel to a safe area from the crosswind and upwind directions.

Environmental Precautions

Contain spilled material to avoid environmental contamination. Prevent spilled material from entering sewers, surface water, and groundwater.

Methods and Materials for Containment and Cleaning Up

Small spill: Collect spilled liquid in sealable containers whenever possible. Absorb with sand, activated carbon, or other inert materials and transfer to a safe location. Do NOT flush into sewers.

Large spill: Construct a dike or dig a pit for containment. Seal drainage pipes. Cover with foam to suppress evaporation. Transfer to tank trucks or dedicated collectors using explosion-proof pumps. Recycle or transport to a waste disposal facility for treatment.

7. Handling and Storage

Handling

Handle in a well-ventilated area. Avoid generating and inhaling vapors. Avoid contact with incompatible substances such as oxidizing agents.

Storage

Store in a cool, well-ventilated warehouse. Keep away from ignition sources and heat sources. Store separately from oxidizing agents and food chemicals; do NOT co-store.

Stacking of Fiber Drums

Stacking height should not be excessive to prevent collapse. Maintain good ventilation.

Suitable Packaging Materials

Amber glass bottles, HDPE opaque plastic bottles, vacuum aluminum-coated bags, etc.

Unsuitable Packaging Materials

Easily corroded metal containers, transparent glass, and transparent plastic containers.

8. Exposure Controls/Personal Protection

Respiratory Protection	When airborne concentration exceeds the limit, wear a self-priming filter-type gas mask.
Skin and Body Protection	Wear chemical-resistant protective clothing.
Hand Protection	Wear rubber gloves.
Eye Protection	Wear chemical safety goggles.
Environmental Exposure Controls	Enhance ventilation. Regularly monitor the concentration of dimethoxytolyl-4-propylresorcinol in workplace air.

9. Physical and Chemical Properties

Appearance	
Physical State	Powder
Color	Light brown to off-white
Odor	Practically odorless
Odor Threshold	No data available
pH (1% aqueous dispersion)	4.5-5.5
Melting Point	104-108°C
Boiling Point	460.2±40.0 °C at 760 mmHg
Flash Point	232.1±27.3 °C
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Explosive Limits (Upper/Lower)	No data available
Vapor Pressure	0.0±1.2 mmHg at 25°C
Vapor Density	No data available
Bulk Density	No data available
Water Solubility	No data available
Solubility	Soluble in organic solvents such as methanol and ethanol
Partition Coefficient: n-Octanol/Water	3.75
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Surface Tension	No data available

10. Stability and Reactivity

Reactivity	Stable when stored and used at normal ambient temperature.
Chemical Stability	Stable.
Hazardous Reactions	No data available.
Conditions to Avoid	Static discharge, heat, moisture, etc.
Materials to Avoid	Strong oxidizing agents, strong acids, strong bases, and heavy metals such as iron and copper.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, etc.

11. Toxicological Information

Acute Oral Toxicity	No data available
Acute Dermal Toxicity	No data available
Acute Inhalation Toxicity	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory/Skin Sensitization	No data available

Germ Cell Mutagenicity — In Vitro Tests

• Bacterial Reverse Mutation Test	No data available
• Mammalian Cell Gene Mutation Assay	No data available
• Mammalian Chromosome Aberration Test	No data available
• Carcinogenicity	No data available
• Reproductive Toxicity	No data available
• STOT — Single Exposure	No data available
• STOT — Repeated Exposure	No data available
• Aspiration Hazard	No data available
• Potential Routes of Exposure	Inhalation, skin contact, ingestion.
• Physical and Chemical-Related Symptoms and Toxicological Characteristics	Exposure to high concentrations may cause eye, respiratory tract, and skin irritation. Ingestion of large amounts may cause gastrointestinal discomfort.
• Effects of Short-Term and Long-Term Exposure	Short-term exposure to high concentrations may cause irritation symptoms; Long-term repeated inhalation of dust may cause chronic respiratory discomfort and airway sensitivity; frequent skin contact may cause dry, rough skin, with occasional mild contact dermatitis; no systemic cumulative toxicity at conventional exposure doses.

12. Ecological Information

Short-Term Toxicity to Fish	No data available
Long-Term Toxicity to Fish	No data available
Short-Term Toxicity to Aquatic Invertebrates	No data available
Long-Term Toxicity to Aquatic Invertebrates	No data available
Toxicity to Aquatic Algae	No data available
Persistence and Degradability	No data available
Bioaccumulation Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

13. Disposal Considerations

Disposal Method: Dispose of by incineration. Gases discharged from the incinerator are passed through a scrubber to remove harmful components. Before disposal, refer to national and local regulations. Return containers to the manufacturer or handle in accordance with national regulations.

14. Transport Information

UN Number: No data available

Packaging Category: No data available

Transport Precautions: Transport vehicles must be equipped with appropriate types and quantities of fire-fighting equipment and spill emergency response devices. Transport preferably in the morning or evening during summer. Protect from direct sunlight, rain, and high temperature during transit. During stops, keep away from ignition sources, heat sources, and high-temperature areas.

15. Regulatory Information

Domestic Regulations: Complies with the Safety and Technical Standards for Cosmetics, National Food Safety Standard for the Use of Food Additives, and other relevant regulatory requirements.

International Regulations: Complies with EU REACH regulations, U.S. FDA relevant provisions, etc. (specific requirements determined by the export destination).

16. Other information

Not available

The information contained herein is based on data believed to be accurate. However, no express or implied warranty is made regarding the accuracy of such data or the results obtained from their use. If reasonable safety procedures specified in this data sheet are not followed, the company shall not be liable for any injury to the user or third parties directly caused by this material. Even if reasonable safety procedures are followed, the company shall not be liable for any injury to the user or third parties resulting from abnormal use of the material. Furthermore, the user assumes all risks associated with the use of this material.