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Material Safety Data Sheet

DPX Mountant MSDS

Section 1: Chemical Product and Company Identification

<p>Product Name: DPX Mountant</p> <p>Catalog Codes: 10525</p> <p>RTECS: Not applicable</p> <p>TSCA: Not applicable</p> <p>Synonym: Not Available</p> <p>Chemical Formula: Not Available</p>	<p>Contact Information:</p> <p>Finar Limited 184-186/P, Chacharwadi Vasna, Sarkhej-Bavla Highway, Ta.: Sanand, Dist.: Ahmedabad, Email: info@finarchemicals.com Web: www.finarchemicals.com</p>
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Section 2: Composition and Information on Ingredients

Composition: Name	CAS #	% by Weight
Xylenes(o-,m-, p- isomers)	1330-20-7	----
Polystyrene	9003-53-6	----
Dibutyl phthalate	84-74-2	----

Section 3: Hazards Identification

Potential Acute Health Effects: Flammable liquid and vapor causes eye, skin, and respiratory tract irritation. May cause harm to the unborn child. Aspiration hazard if swallowed. Can enter lungs and cause damage. May be harmful if absorbed through skin or if inhaled.

Potential Chronic Health Effects: May cause adverse reproductive effects. Possible risk of harm to the unborn child. Chronic exposure to xylene may cause defeating dermatitis, reversible eye damage, dyspnea (labored breathing), confusion, dizziness, apprehension, memory loss, headache, tremors, weakness, anorexia, nausea, ringing in the ears, irritability, thirst, mild changes in liver function, kidney impairment, anemia, and hyperplasia, but not destruction, of the bone marrow.

Section 4: First Aid Measures

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Ingestion: Potential for aspiration if swallowed. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Auto-Ignition Temperature: 527°C (980.60°F)

Flash Points: 24°C (75.20°F)

Fire Fighting Media and Instructions: Water may be ineffective. This material is lighter than water and insoluble in water. The fire could easily be spread by the use of water in an area where the water cannot be contained. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors. Water spray may reduce vapor but may not prevent ignition in closed spaces.

U.S. regulations require reporting spills and releases to soil, water and air in excess of reportable quantities. This material creates a fire hazard because it floats on water. If possible, try to contain floating material.

Section 7: Handling and Storage

Precautions: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Keep away from heat, sparks and flame. Avoid breathing vapor or mist.

Storage: Keep away from sources of ignition. Keep container closed when not in use. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Ventilation fans and other electrical service must be non-sparking and have an explosion-proof design.

Personal Protection:

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Exposure Limits: Exposure Limits

Chemical Name:	ACGIH	NIOSH	OSHA
Xylenes (o-, m-, p- isomers)	100 ppm TWA; 150 ppm STEL	None listed	100 ppm TWA; 435 mg/m ³ TWA;
Polystyrene	None listed	None listed	None listed
Dibutyl phthalate	5 mg/m ³ TWA	5 mg/m ³ TWA 4000 mg/m ³ IDLH	5 mg/m ³ TWA

OSHA Vacated PELs

Xylenes (o-, m-, p- isomers): 100 ppm TWA; 435 mg/m³ TWA

Dibutyl phthalate: 5 mg/m³ TWA

Section 9: Physical and Chemical Properties

Physical state and appearance: Viscous liquid

Odor: Aromatic odor

Taste: Not available.

Molecular Weight: No information found

Color: Clear, colorless
pH (1% soln/water): 6-7
Boiling Point: Not available.
Melting Point: Not available.
Critical Temperature: Not available.
Specific Gravity: Not available.
Vapor Pressure: Not applicable.
Vapor Density: Not available.
Volatility: Not available.
Odor Threshold: Not available.
Water/Oil Dist. Coeff.: Not available.
Ionicity (in Water): Not available.
Dispersion Properties: Not available.
Solubility: Not available.

Section 10: Stability and Reactivity Data

Stability: Stable under normal temperatures and pressures.
Instability Temperature: Not available.
Conditions of Instability: High temperatures, ignition sources
Incompatibility with various substances: Strong oxidizing agents, nitric acid
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Ingestion.
Toxicity to Animals:
LD50: Not available. LC50: Not available.
Chronic Effects on Humans: Causes damage to the following organs: mucous membranes.
Other Toxic Effects on Humans:
Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity:
Fish: Rainbow trout: LC50 = 13.5 mg/L; 96 Hr; Unspecified
Fish: Goldfish: LD50 = 13 mg/L; 24 Hr; Unspecified
Fish: Fathead Minnow: LC50 = 46 mg/L; 1 Hr; Static bioassay
Acute and long-term toxicity to fish and invertebrates: LD50 for goldfish is 13 mg/L/24 Hr.
Cas#1330-20-7:
LC50(96Hr.) rainbow trout = 8.05 mg/L, Static condition;
LC50(96Hr.) fathead minnow = 16.1 mg/L, flow-through conditions; LC50(96Hr.) bluegill = 16.1 mg/L, flow-through;
EC50 (48 Hr.) water flea = 3.82 mg/L, flow-through conditions;
EC50(24 Hr.) photobacterium phosphoreum = 0.0084 mg/L, Microtox test.
Environmental:
In air, xylenes degrade by reacting with photochemically produced hydroxyl radicals. In soil it will volatilize and leach into groundwater. Little bioconcentration is expected. Dibutyl phthalate is a marine pollutant.
Physical:

ATMOSPHERIC FATE: According to a model of gas/particle partitioning of semivolatile organic compounds in the atmosphere, xylene, which has an experimental vapor pressure of 7.99 mm Hg at 25 deg C, will exist solely as a vapor in the ambient atmosphere. Vapor-phase xylene is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals; the atmospheric lifetime of xylene is about 14-26 hours. Ambient levels of xylene are detected in the atmosphere due to large emissions of this compound.

Other:

No information found

Section 13: Disposal Considerations

Waste Disposal: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P Series Wastes

None of the components are on this list.

RCRA U Series Wastes

CAS# 1330-20-7: waste number U239 (Ignitable waste, Toxic waste). CAS# 84-74-2: waste number U069

Section 14: Transport Information

US DOT

Proper Shipping

Name: XYLENE SOLUTION
(Xylene, Dibutyl phthalate)

Hazard Class: 3

UN Number: UN1307

Packing Group: III

USA RQ: CAS# 1330-20-7: 100 lb final RQ; 45.4 kg final RQ

USA RQ: CAS# 84-74-2: 10 lb final RQ; 4.54 kg final RQ

Canadian TDG

XYLENE SOLUTION (Xylene,Dibutyl phthalate)

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UN1307

III

Section 15: Other Regulatory Information

US Federal

TSCA

CAS# 1330-20-7 is listed on the TSCA Inventory.

CAS# 9003-53-6 is listed on the TSCA Inventory.

CAS# 84-74-2 is listed on the TSCA Inventory.

Health and Safety Reporting List

None of the components are on this list.

Chemical Test Rules

CAS# 84-74-2: 40 CFR 799.5000

TSCA Section 12b

None of the components are on this list.

TSCA Significant New Use Rule (SNUR)

None of the components are on this list.

CERCLA Hazardous Substances and corresponding RQs

CAS# 1330-20-7: 100 lb final RQ; 45.4 kg final RQ

CAS# 84-74-2: 10 lb final RQ; 4.54 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the components are on this list.

SARA Hazard Categories

CAS# 1330-20-7: immediate, delayed, fire.

CAS# 84-74-2: immediate, delayed. **SARA Section 313**

This material contains Xylenes (o-, m-, p- isomers) (CAS# 1330-20-7, 65-70%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372.

This material contains Dibutyl phthalate (CAS# 84-74-2, 10-12%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372.

Clean Air Act - Hazardous Air Pollutants (HAPs)

CAS# 1330-20-7 is listed as a hazardous air pollutant (HAP).

CAS# 84-74-2 is listed as a hazardous air pollutant (HAP).

Clean Air Act - Class 1 Ozone Depletors

None of the components are on this list.

Clean Air Act - Class 2 Ozone Depletors

None of the components are on this list.

Clean Water Act - Hazardous Substances

CAS# 1330-20-7 is listed as a Hazardous Substance under the CWA.

CAS# 84-74-2 is listed as a Hazardous Substance under the CWA.

Clean Water Act - Priority Pollutants

CAS# 84-74-2 is listed as a Priority Pollutant under the CWA.

Clean Water Act - Toxic Pollutants

None of the components are on this list.

OSHA - Highly Hazardous

None of the components are on this list.

OSHA - Specifically Regulated Chemicals

None of the components are on this list.

US State

State Right to Know

Xylenes (o-, m-, p- isomers) can be found on the following state Right-to-Know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

Polystyrene can be found on the following state Right-to-Know lists: New Jersey.

Dibutyl phthalate can be found on the following state Right-to-Know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65

WARNING: This product contains Dibutyl phthalate, a chemical known to the state of California to cause male reproductive toxicity.

WARNING: This product contains Dibutyl phthalate, a chemical known to the state of California to cause female reproductive toxicity.

WARNING: This product contains Dibutyl phthalate, a chemical known to the state of California to cause developmental reproductive toxicity.

California No Significant Risk Level

None of the components are on this list.

None of the components are on this list.

None of the components are on this list.

European/International Regulations

European Labelling in Accordance with EC Directives:

Hazard Symbols: T N

Risk Phrases: R 61 May cause harm to the unborn child.

R 10 Flammable.

R 20/21 Harmful by inhalation and in contact with skin.

R 38 Irritating to skin.

R 50 Very toxic to aquatic organisms.

R 62 Possible risk of impaired fertility.

Safety Phrases: S 53 Avoid exposure - obtain special instructions before use.

S 25 Avoid contact with eyes.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 61 Avoid release to the environment. Refer to special instructions/safety data sheets.

WGK (Water Danger/Protection)

No information found

United Kingdom Occupational Exposure Limits

No information found

United Kingdom Maximum Exposure Limits

No information found

Canadian DSL/NDSL

CAS# 1330-20-7 is listed on Canada's DSL List.

CAS# 9003-53-6 is listed on Canada's DSL List.

CAS# 84-74-2 is listed on Canada's DSL List.

Canadian WHMIS Classifications

This product has a WHMIS classification of B2, D2B, D2A.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

CAS# 1330-20-7 is not listed on the Canadian Ingredient Disclosure List.

CAS# 84-74-2 is listed on the Canadian Ingredient Disclosure List.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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