

Material Safety Data Sheet
DIMETHYL BENZYL CARBINYL ACETATE

SECTION 1.1 – PRODUCT IDENTIFICATION

Product Name : DIMETHYL BENZYL CARBINYL ACETATE
Molecular Formula : C₁₂H₁₆O₂
Molecular Weight : 192.25 g/mole
CAS No. : 151-05-3

SECTION: 1.2 COMPANY IDENTIFICATION

Company Name: Indenta Chemicals (India) Pvt. Ltd.

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SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
DIMETHYL BENZYL CARBINYL ACETATE	151-05-3	100

Toxicological Data on Ingredients: No Data Available

SECTION 3: HAZARD IDENTIFICATION



Hazard Pictograms

Signal word

Warning

Hazard Category

Skin corrosion/irritation Cat 2

Hazard to aquatic environment, chronic Cat 3

Hazard statement(s)

H315 Causes skin irritation

H412 Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+352 IF ON SKIN: Wash with soap and water

P321 Specific treatment (see ... on this label)

P332+313 If skin irritation occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash before reuse

Indenta Chemicals (India) Pvt. Ltd.

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SECTION 4: FIRST AID MEASURES

Notable Exposure symptoms

Tingling/irritation of skin, causes skin irritation.

If ingested

Rinse mouth. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Ingestion of large quantities: seek immediate medical attention

If inhaled

Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact

Take off immediately all contaminated clothing. Rinse with soap and water thoroughly. Get medical advice if irritation develops or persists.

Additional Info

Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing Method / Equipment

Carbon dioxide (CO₂), dry chemical powder, polyvalent foam, water spray, or sand. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. DO NOT USE: A heavy stream of water this may spread the fire.

Hazardous Decomposition Info

Constituents associated with burning / CO and CO₂ formed, Reacts with strong oxidizers. Reacts with organic material. Risk of spontaneous ignition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Prevent dust cloud formation, e.g. wetting.

Containment Equipment and Procedures

Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.
Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles.

Cleanup Procedures

Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

SECTION 7: HANDLING AND STORAGE

Safe Handling Precautions

Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures

against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid direct sunlight and extreme temperatures.

Recommendations for Storage

Store in cool area in product container away from sources of ignition or flame.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

General / Engineering Controls

Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

Work Clothing

Protective work clothing which covers skin and prevents exposures.

Eye/face protection

Wear safety goggles or face shield.

Skin Protection

Wear solvent resistant gloves.

Respiratory Protection

Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

Additional Information

Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Form: Solid
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	28 °C
f) Initial boiling point and boiling range	250 °C
g) Flash point	>200f
h) Evaporation rate	No data available
i) Flammability (solid,gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	<1 hPa
l) Vapor density	No data available
m) Relative density	0.998
n) Water solubility	Insoluble
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available

s) Explosive properties	No data available
t) Oxidizing properties	No data available

SECTION 10: STABILITY AND REACTIVITY

General

This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources. Avoid exposure to light.

Incompatible materials

Strong acids, strong bases

Decomposition products

No decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal
DIMETHYL BENZYL CARBINYL ACETATE	3300mg/kg (Rat)	>3000mg/kg (Rabbit)

Carcinogenicity or mutagenicity

Not Classified

Sensitization

Not Classified

Other Notes

Tingling irritation of the skin. Causes skin irritation.

SECTION 12: ECOLOGICAL INFORMATION

Degradation / Mobility info

biodegradable in water, no data available. May cause long- term adverse effects in the environment.

Bioaccumulative potential

No bioaccumulation data available.

SECTION 13: DISPOSAL CONSIDERATION

Product disposal

Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Avoid release to the environment.

Container disposal

Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

SECTION 14: TRANSPORT INFORMATION

DOT

Not regulated

IMO/IMDG

Not regulated

IATA

Not regulated

SECTION 15: OTHER REGULATORY INFORMATION

TSCA

NOT LISTED

CERCLA RQ

NOT LISTED

SARA 311/312

NOT LISTED

SARA 313

NOT LISTED

California Prop 65 Substances

NOT LISTED

Canadian DSL

NOT LISTED

HMIS

NOT LISTED

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

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