



SECTION 1 : IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product name : PIGMENT YELLOW 12
Synonyms : Benzdine yellow
HSN : 3204171
CAS-No. : 15541 56-7 / 6358-85-6
C.I. Number : 21090

Company : **Maruti Color & Chemical**
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SECTION 2 : HAZARDS IDENTIFICATION

- **Hazards Designation**
Non-hazardous to humans and the environment.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

- **Substances**
Chemical Name : Diarylanilide Yellow
General name : PIGMENT YELLOW 12
Molecular weight : 629.50
CAS-No. : 15541 56-7 / 6358-85-6

SECTION 4 : FIRST AID MEASURES

- **General procedures**
Remove contaminated clothing.
- **If inhaled**
Remove victim to fresh Air immediately. If needed, perform artificial respiration.
Consult Physician.
- **In case of eye contact**
ash affected eyes for at least 15 minutes under running water with eyelids held open,
consult an eye specialist
- **In case of skin contact**
Wash skin with soap and water, if irritation persists consult physician.
- **Ingestion**
Rinse mouth and the drink plenty of water.



SECTION 5 : FIREFIGHTING MEASURES

- **Extinguishing media**
Water, Carbon dioxide, dry chemical powder or foam.
- **Extinguishing media which must not be used for safety reasons**
High volume water jet
- **Special explosion hazardous**
Contaminated water and soil must be disposed of conform to local regulations. Sufficient measures must be taken to retain water used for extinguishing.
- **Special protective equipment for firefighters**
Wear full and thick protective clothing. Wear self-contained breathing apparatus.
- **Hazardous decomposition products**
Oxides of carbon, Toxic gases/vapours

SECTION 6 : ACCIDENTAL RELEASE MEASURES

- **Personal precautions**
Do not breathe dust.
- **Environmental precautions**
Do not let product enter drains. Avoid dust formation.
- **Methods for cleaning up**
Contain with dust binding material and dispose.

SECTION 7 : HANDLING AND STORAGE

- **Handling**
Breathing must be protected when large quantities are decanted without local exhaust ventilation.
- **Fire and explosion precautions**
Take precautionary measures against static discharges.
- **Storage**
Keep tightly closed in a dry, cool and well ventilated place, direct sources of heat must be avoided and open containers must be allowed to stand over extend periods of time. Position containers so that any labeling information on the container is visible.
- **Caution**
Keep this product well sealed. Keep in cool, dry place. Close containers immediately after use.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information on the lay-out of technical plant(See 7)

- **Personal protection equipment**
Technical measures/Precautions
No special precautions required



Respiratory protection

Do not breathe dust.

Face protection

Safety glasses.

General measures

The usual precautions for the handling of chemicals must be observed

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

a. Appearance	Dry Powder
b. Colour	Yellow
c. Odour	odourless
d. pH value	7
e. Vapour pressure	Not Applicable
f. Melting Point	High melting point
g. Flash Point	Not Applicable, High melting material
h. Average Particle size	0.5 to 2.50 Micron Meters
i. Density, 20°C	1.42 (g/cm ³)
j. Explosive properties	Not Applicable
k. Solubility in water	Insoluble
l. Change of physical form	Not Applicable

SECTION 10 : STABILITY AND REACTIVITY

- **Stability**
Stable
- **Conditions to avoid**
Against moisture
- **Incompatibility**
Strong oxidizing agent
- **Hazardous decomposition products:**
When involved in a fire, burning organic pigments may evolve noxious fumes which may include carbon monoxide, nitrous oxides, or other toxic compounds, depending on the pigment type.
- **Hazardous Polymerization**
Will not occur
- **Conditions to avoid**
None known



SECTION 11 : TOXICOLOGICAL INFORMATION

- **Acute toxicity, LD50/oral/rat**
Acute oral LD50 value of 10000mg/kg or greater in rats
- **Sensitizing**
not data available

SECTION 12 : ECOLOGICAL INFORMATION

- **Elimination information**
The products is not very soluble in water and can thus be virtually removed from water mechanically in suitable effluent treatment plants.

SECTION 13 : Disposal considerations

- **Product**
Must be made in accordance with Federal State and local regulations.
- **Contaminated packaging**
Uncontaminated packs can be re-used . Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14 : Transport information

- Not classified as hazardous under transport regulations.

SECTION 15 : Regulatory information

- Labeling according to EEC directives
- Not subject to labeling
- National legislation/ regulations
- Water hazard class: generally non water hazardous

SECTION 16 : Other information

- The information given here is based on best of available knowledge & experience. The purpose of this Safety Data Sheet is to describe the products in term of their safety requirements. MARUTI COLOR & CHEMICAL cannot guarantee its accuracy and assumes no responsibility for the conditions resulting from its use.