



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : D 40705
Product Name : DIMETHYL YELLOW

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : Methyl yellow
CAS-No : 60-11-7
EC-Index-No : .. -----
EC –No. : 200-455-7
M : 225.30 g/mol
Formula Hill : $C_{14}H_{15}N_3$
Chemical formula: -----

3. HAZARDS IDENTIFICATION : Toxic if swallowed . Limited evidence of a carcinogenic effect.

4. FIRST AID MEASURES

After skin contact: wash off with plenty of water. Dab with polyethylene glycol 400. Immediately remove contaminated clothing.



SAFETY DATA SHEET

Catalogue No. : **D 40705**
Product Name : **DIMETHYL YELLOW**

After eye contact : Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Summon eye specialist.

After inhalation: fresh air. If breathing stops: Immediately apply mechanical ventilation, if necessary oxygen mask. Immediately summon doctor.

After swallowing : Make victim drink plenty of water , induce vomiting, Summon doctor. Clean skin of vomit.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Powder, foam, spray water.

Fire extinguisher : Powder for glowing fire, carbon dioxide.

Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire: nitrous gases.

Special protective equipments for fire fighting: Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Other information: Cool container with spray water from a safe distance.

Prevent fire-fighting water from entering surface water or ground water.



SAFETY DATA SHEET

Catalogue No. : **D 40705**
Product Name : **DIMETHYL YELLOW**

6. ACCIDENTAL RELEASE MEASURES

Person -related precautionary measures: Avoid substance contact.

Avoid generation of dusts; do not inhale dusts.

Environmental-protection measures: Do not allow to enter sewerage system.

Procedures for cleaning/absorption : Take up dry. Forward for disposal.

Clean up effected area.

7. HANDLING AND STORAGE

Handling : Notes for safe handling:

Work under hood. Do not inhale substance.

Storage : Tightly closed . In a well-ventilated place.

At +15°C to + 25°C. Accessible only for authorized persons.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated

Eye protection : Required

Hand protection : Required

Other protective Equipment : Suitable protective clothing.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene : Immediately change contaminated clothing. Apply skin-protective barrier cream. Wash hands after working with substance. Under no circumstances eat or drink at work place. Work under hood. Do not inhale substance.



SAFETY DATA SHEET

Catalogue No. : **D 40705**
Product Name : **DIMETHYL YELLOW**

9. PHYSICAL & CHEMICAL PROPERTIES

Form : Solid
Colour : Brownish
Odour : Weak characteristic odour
pH value at 10g/l H₂O (20° C) : 5-7(filtered slurry)
Melting temperature : 113-117 ° C
Boiling temperature : Not available
Ignition temperature : Not available
Flash point : Not available
Explosion limits lower : Not available
Upper : Not available
Density : Not available
Bulk density : 190 kg/m³
Solubility in water(20°C) : Almost insoluble
Ether : Soluble
Acetone (20°C) : 140 g/l

10. STABILITY AND REACTIVITY

Conditions to be avoided : Heating.
Substance to be avoided : No information available.
Hazardous decomposition products : In the event of fire : See chapter 5.



SAFETY DATA SHEET

Catalogue No. : **D 40705**
Product Name : **DIMETHYL YELLOW**

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : 200 mg/kg.

Subacute to chronic toxicity : Carcinogenic in animal experiments.

Further toxicological information :

The following applies to azo dyes in general: azo dyes containing a carcinogenic aryl amine component are suspected of possessing a carcinogenic potential. It is therefore recommended that the substance be handled as if it possessed the properties of the basic amine.

Further data: This substance should be handled with particular care.

12. ECOLOGICAL INFORMATION

Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.

Further ecologic data: Do not allow to enter waters, waste water, or soil.

13. DISPOSAL METHOD

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologestik.de you will find country and substance-specific information as well as contact partners. Nice product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologestik.de you will find special information on the respective national conditions as well as contact partners.



SAFETY DATA SHEET

Catalogue No. : **D 40705**
Product Name : **DIMETHYL YELLOW**

14. TRANSPORT INFORMATION

GGVS/GGVE class : 6.1 Number and letter : 25 c

Transport over land ADR/RID ADR/RID class : 6.1 Number and
letter : 25 c

& GGVS/GGVE Name of material : DIMETHYL YELLOW

River transport AND/ADNR : Not examined

Sea transport IMDG :IMDG class : 6.1 UN-No. : 2811 Packaging group: 111
EMS : 6.1-0 MFAG : 4.2

Correct technical name : DIMETHYL YELLOW

Air transport ICAO-TI : ICAO/IATA class : 6.1 UN/ID-No. : 2811
and IATA-DGR Packaging group : 111

Correct technical name : DIMETHYL YELLOW

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : T Toxic

R-phrases : 25-40 Toxic if swallowed . Limited evidence of a
carcinogenic effect.

S-phrases : 36/37-45 Wear suitable protective clothing and gloves.
In case of accident or if you feel unwell , seek
medical advice immediately(show the label where possible).

Water pollution class : ----



SAFETY DATA SHEET

Catalogue No. : **D 40705**
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16. OTHER INFORMATION

Change in labelling.

General update.

Regional representation :

The information is given on the authorised Safety Data Sheet for your country.

The information contained here in is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.
