



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : M 41209
Product Name : METANIL YELLOW POWDER
.
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 : 3-(-Anilinophenylazo) benzene sulfonic acid sodium salt

CAS-No. : 587-98-4 EC-No. : 209-608-2
EC-Index –No. : ----- M : 375.38 g/mol----
Molecular formula : $C_{18}H_{14}N_3NaO_3S$
(Hill)

3. HAZARDS IDENTIFICATION : Risk of serious damage to eyes.

4. FIRST AID MEASURES : After skin contact : Wash off with plenty of water.
Remove contaminated clothing.
After eye contact : rinse out with plenty of water with the
eyelid held wide open. Summon eye specialist.
After inhalation : Fresh air.
After swallowing : Make victim drink plenty of water, induce
vomiting, summon doctor.

5. FIRE – FIGHTING MEASURES : Suitable extinguishing media : Water ,Co₂, foam, powder.
Special risks: Combustible. Formation of hazardous combustion
gases or vapours possible in the event of fire. The following
may develop in event of fire: nitrous gases, sulfur oxides.



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

Other information : Take measures to prevent electrostatic charging.
Prevent fire-fighting water from entering surface water or groundwater.

6. ACCIDENTAL RELEASE MEASURES: Person-related precautionary measures: Avoid substance contact.
Avoid generation of dusts. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures :

Do not allow to enter sewerage system.

Procedures for cleaning/absorption: Take up dry. Forward for disposal.
Clean up effected area. Avoid generation of dusts.

7. HANDLING AND STORAGE : Handling : No further requirements.
Storage : Tightly closed . Dry. Storage temperature: no restrictions

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protective equipment :

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.

Respiratory protection : Required when dusts are generated.

Eye protection : Required

Hand protection : Required



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Industrial hygiene : Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid
Colour : Brown to yellow
Odour : odourless
pH value at 10 g/l H₂O (20° C) : 10
Melting temperature : Not available
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 : 330 kg/m³
Solubility in water(20°C) : 25 g/l
Ethanol(20 °C) : soluble
Thermal decomposition : >220 °C

10. STABILITY AND REACTIVITY : Conditions to be avoided : Heating (decomposition).

Substance to be avoided : No information available.

Hazardous decomposition products : In the event of fire : See chapter 5.

Further information : Dust explosion possible.

11. TOXICOLOGICAL INFORMATION: Acute toxicity: LD₅₀ (oral, rat): 5000 mg/kg.

Skin irritation test (rabbit) : No irritation.



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Eye irritation test(rabbit) : Irritations.

Further toxicological information :

After eye contact : Irritations. Risk of serious damage to eyes.

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.

The following applies to aromatic amines in general : systemic effect: Methaemoglobinaemia with headache, cardiac dysrhythmia, drop in blood pressure, dyspnoea, and spasma, principal system : cyanosis (blue discoloration of the blood).

Further data : Further hazardous properties cannot be excluded.
The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

Ecotoxic effects :

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

Further ecologic data : A harmful effect on aquatic organisms cannot be excluded in the event of improper handling or disposal. 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.retrologistik.de you will find country - and substance-specific information as well as contact partners.



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

14. TRANSPORT INFORMATION : No subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol	:	Xi	Irritant
R-phrases	:	41	Risk of serious damage to eyes.
S-phrase	:	26-39	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.
Water pollution class	:	-----	

16. OTHER INFORMATION

Reason for alteration :
Change in labelling. General update.
Change in supplement to physical/chemical parameters.
Change in the chapter on toxicology.
Regional representation :



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This 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.
