



SAFETY DATA SHEET

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Catalogue No : I 10071

Product Name : Indian Ink

Manufacture / Supplier Identification Company : **Nice Chemicals (P) Ltd.,**
PB No: 2217, Manimala Road,
Edappally, Kochi - 682 024, Kerala, India.

Contact for Information : **Tel:** 91-484-2800212, 2802755, 2802536, 2801583
Fax : 0484 2802483

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2 COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms :

CAS - No :

Molar Mass :

Molecular Weight :

Molecular Formula :

EC - INDEX No :

EC - No :

3 HAZARDS IDENTIFICATION

Classification of the substance or mixture : The product is not classified according to the Globally Harmonized System (GHS).

Classification according to Directive 67/548/EEC or Directive 1999/45/EC : Not applicable

Information concerning particular hazards for human and environment : The product does not have to be labelled due to the calculation procedure of international guidelines.

Classification System : The classification was made according to the latest editions of international substance lists, and expanded upon from company and literature data.



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Label Elements

Labeling according to EU guidelines : Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations according to directives on hazardous materials.

Classification system

NFPA rating (scale 0 - 4) : Health = 1
Fire = 0
Reactivity = 0

HMIS - rating (scale 0 - 4) : Health = 1
Fire = 0
Reactivity = 0

Other Hazards

Results of PBT and vPvB assessment

PBT : Not applicable

vPvB : Not applicable

4 FIRST AID MEASURES

After Inhalation : Supply fresh air; consult doctor in case of complaints.

After skin contact : Generally the product does not irritate the skin.

After eye contact : Rinse opened eye for several minutes underrunning water.

After swallowing : If symptoms persist consult doctor.

Most Important symptoms and effects, both acute and delayed : To the best of our knowledge, the chemical, physicals, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed : no data available

5 FIRE - FIGHTING MEASURES

Suitable extinguishing media : CO₂, extinguishing powder or water spray. Fight fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture : No further relevant information available.



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Advice for firefighters	: No special measures required.
Further Information	: No data available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Not required.
Environmental-protection	: No special measures required.
Methods and materials for containment and cleaning up	: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 HANDLING AND STORAGE

Precautions for safe handling	: No special measures required.
Conditions for safe storage, including any incompatibilities	: No special measures required.
Specific end users	: no data available

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameter

Components with limit values that require monitoring at the workplace	: 133-86-4 Carbon black PEL - 3.5 mg/m ³ REL - 3.5 mg/m ³ 0.1 in presence of PAHs, as PAH; 10-hr TWA TLV - 3 mg/m ³ inhalable fraction
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Exposure Controls

Appropriate engineering controls	: General industrial hygiene practice.
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Personal protective equipment

General protective and hygienic measures	: The usual precautionary measures for handling chemicals should be followed.
Breathing equipment	: Not required.



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Protection of hands	<p>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove</p> <p>: material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.</p>
Material of gloves	<p>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substance, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.</p>
Penetration time of glove material	<p>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p>
Eye protection	: Goggles recommended during refilling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form : Fluid Colour : Black
Odour	: Odorless
Odour Threshold	: No data available
pH	: No data available
Melting Point/Freezing point	: No data available
Initial Boiling point and boiling range	: 100 °C (212 °F)
Flash Point	: Not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper/lower flammability or explosive limits	: No data available
Vapour Pressure	: 23 hpa (17 mm Hg)



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Vapour Density : No data available
Relative density : No data available
Water solubility : No miscible or difficult to mix.
Partition coefficient: noctanol/water : No data available
Autoignition temperature : No data available
Viscosity : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Other Safety information : No data available

10 STABILITY AND REACTIVITY

Reactivity : No data available
Chemical stability : No data available
Conditions to be avoided : No data available
Substance to be avoided : No data available
Hazardous decomposition products : No dangerous decomposition products known
Possibility of hazardous reactions : No data available
incompatible materials : No data available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity : No data available
Further toxicological Information
Carcinogenicity : 1333-86-4 Carbon black
Eye Irritation test (rabbit) : No irritant effect.



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Respiratory or skin Sensitization : No data available

Germ cell mutagenicity : No data available

After Inhalation : No data available

After Skin contact : No data available

After swallowing : No data available

After swallowing of large amounts : No data available

Further data : No data available

Reproductive toxicity : No data available

Specific target organ toxicity-single exposure : No data available

Specific target organ toxicity-repeated exposure : No data available

Signs and symptoms of Exposure : No data available

Additional Information

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 ECOLOGICAL INFORMATION

Toxicity : No data available

Persistence and degradability : No data available

Bioaccumulative potential : No data available

Mobility in soil : No data available

Results of PBT and vPvB assessment : No data available

Other adverse effects : No data available

13 DISPOSAL METHOD

Waste treatment methods

Recommendation

Smaller quantities can be disposed of with household waste. Disposal must be according to official regulations.



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Uncleaned packagings

Recommendation : Disposal must be according to official regulations.

14 TRANSPORT INFORMATION

UN number : DOT, ADR, AND, IMDG, IATA Void

UN Proper shipping name : DOT, ADR, AND, IMDG, IATA Void

Transport hazard class(es) : DOT, ADR, AND, IMDG, IATA Void
Class

Packaging group : DOT, ADR, AND, IMDG, IATA Void

Environmental group : Marine pollutant: No

Special precaution for user : No data available

15 REGULATORY INFORMATION

This safety datasheet compiles with the requirements of Regulation (EC) No. 1907/2006

Safety, health and environmental regulations/legislation specific for the substance or mixture : No data available

Product related hazard informations : Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations according to directives on hazardous materials.

Chemical safety assessment : A chemical safety assessment has not been carried out

16 OTHER INFORMATION

The information contained here in is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precaution. It does not represent a guarantee of the properties of the product.