

DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India
Telephone : +91 (20) 24530071
Email : info@jpharmachem.com, Web : www.jpharmachem.com
Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

3,3 DIMETHYL NAPHTHIDINE

Revision date :

Page: 1/7

Version : 3.0

NUMBER

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

Product identifiers

Chemical Name 3,3 Dimethyl naphthidine
CAS NO. 13138-48-2

Relevant identified uses of the substance or mixture and uses advised against

1. It is used in colorimetric determination of Cl in water and as an indicator for metal titration.
2. It is used in reagent for the detection of zinc.

Details of the supplier of the safety data sheet

COMPANY

DR. J. PHARMACHEM PVT LTD
722/AB/15, "NIRMAL", Laxmi Park Colony, Navi
Peth,
Pune - 411030
Maharashtra, India
Telephone : +91-20-24530071
Email - sales@jpharmachem.com

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Warning.

H315

Causes skin irritation

H319

Causes serious eye irritation

H335

May cause respiratory irritation.

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/
spray.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for
several minutes. Remove contact lenses.
Continue rinsing

R-phrases(s)

R36/37/38

Irritating to eyes, respiratory system and skin.

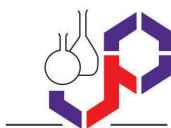
S-phrases(s)

S26

In case of contact with eyes, rinse immediately
with plenty of water and seek medical advice.

S37/39

Wear suitable gloves and eye/face protection.



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Other hazards None.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Component

Chemical Name	3,3 Dimethyl naphthidine
CAS NO	13138-48-2
EC Number	236-069-0
Molecular Formula	C ₂₂ H ₂₀ N ₂
Molecular Weight	312.41 g/mol.
Concentration	95% Min. (Other unknown impurities upto 5%)

4 FIRST AID MEASURES

Description of first aid measures

General advice

Consult a physician.

Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air.

If not breathing, give artificial respiration.

Consult a physician.

In case of skin contact

Wash off with soap and plenty of water.

Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person.

Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed

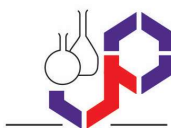
No data available

5 FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



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Special hazards arising from the substance or mixture	Carbon oxides, nitrogen oxides (NOx)
Advice for firefighters	Wear self contained breathing apparatus for firefighting if necessary
Further information	No data available

6 ACCIDENTAL RELEASE MEASURES

Personal precautions protective equipment and emergency procedures

Use personal protective equipment.
Avoid dust formation.
Avoid breathing vapors, mist or gas.
Ensure adequate ventilation.
Avoid breathing dust.

Environmental precautions

Do not let product enter drains

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust.
Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes.
Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.
Normal measures for preventive fire protection.

Information about protection against explosions and fires

No data available

Conditions for safe storage including any incompatibilities

Store in cool place.
Keep container tightly closed in a dry and well-ventilated place.

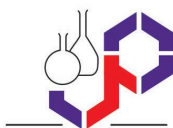
Specific end use(s)

No data available

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Appropriate engineering controls



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Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use.
Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.
Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

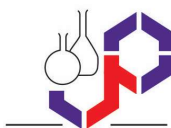
Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Light brown Powder
b) Odour	No data available
c) Odour Threshold	No data available
d) pH (% solution in water)	No data available
e) Melting point/freezing point	205 - 220 Å°C
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid or gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available



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m) Relative density	No data available
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

9.2 Other safety information

Bulk Density	No data available
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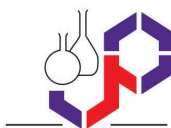
10 STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No data available.

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	Inhalation - May cause respiratory irritation.



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Specific target organ toxicity - repeated exposure

No data available.

Signs and symptoms of exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Aspiration hazard

No data available

Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

Ingestion

May be harmful if swallowed

Skin

May be harmful if absorbed through skin. Causes skin irritation

Eyes

Causes serious eye irritation.

RTECS

No data available

12 ECOLOGICAL INFORMATION

Toxicity

No data available

Persistence and degradability

Biodegradation

No data available

Bio accumulative 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 CONSIDERATIONS

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.
Contact a licensed professional waste disposal service to dispose of this material.
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14 TRANSPORT INFORMATION

UN number

ADR/RID

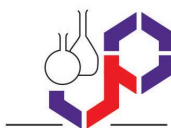
IMDG

IATA

-

-

-



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UN proper shipping name

ADR/RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Transport hazard class(es)

ADR/RID

-

IMDG

-

IATA

-

Packaging group

ADR/RID

-

IMDG

-

IATA

-

Environmental hazards

ADR/RID

No

IMDG Marine pollutant

No

IATA

No

Special precautions for user

No data available

15 REGULATORY INFORMATION

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

Safety health and environmental regulations/legislation specific for the substance or mixture

No data available

Chemical Safety Assessment

No data available

16 OTHER INFORMATION

Month of Creation

MARCH 2023

Month of Revision

MARCH 2027