

1 Product And Company Identification :

Product Name : **Ortho-nitrocumene**
CAS No. : **6526-72-3**
Supplier : Deepak Nitrite Ltd.
Aaditya-I, National Highway No. 8, Chhani Road,
Vadodara - 390 024, India
Manufacturing facilities at :
Vadodara, Roha, Taloja & Hyderabad.
Contact no. : +91-9904406400
For Chemical Emergency : Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887

2 Composition / Information On Ingredients :

Hazardous components : Ortho-nitrocumene
Synonyms : 2-Isopropylnitrobenzene, 2-Nitroisopropylbenzene, 2-nitrocumene
Chemical formula : $C_9H_{11}NO_2$
Molecular weight : 165.19
CAS No. : 6526-72-3
UN No. : 2810
EINECS No. : -
Hazard symbols : Toxic
Risk phrases : R 36/37/38
Safety phrases : S 3 7 / 3 9 , 2 6

3 Hazards Identification :

Potential Health Effects:

Harmful by inhalation, in contact with skin and if swallowed. May cause eye irritation. The toxicological properties have not been thoroughly investigated.

4 First Aid Measures :

Remove all contaminated clothing immediately.
Following skin contact : Wash skin immediately with plenty of water and soap. If skin reactions occur, contact a physician.
Following eye contact: Open the eyelids and rinse for an adequate length of time with water. Consult an eye specialist immediately.
Upon inhalation : Remove victim to fresh air area. If there is difficulty in breathing, medical attention should be obtained.
Upon swallowing : Rinse mouth several times. Ensure that patient drinks plenty of water. Seek medical advice.

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5 Fire Fighting Measures :

Fire Extinguishing Media : Dry chemical powder, foam, Water spray.
Beware of toxic fumes of Nitrogen oxides. Wear respiratory protection equipment.
Do not allow contaminated extinguishing water to enter soil, ground or surface waters.

6 Accidental Release Measures :

Fill into labeled sealable containers.
Use necessary personal protective equipment when handling.

7 Handling & Storage :

Store in a cool, dry, well ventilated area, away from heat.
During processing, ensure sufficient exhaust ventilation in the working area. Vent waste air via suitable separators or scrubbers.

8 Exposure Control / Personal Protection :

Respiratory protection: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.
Eye protection: Goggles
Wear butyl rubber gloves if contact with product is possible.
Avoid contact with eyes or skin. Do not inhale vapours.

9 Physical And Chemical Properties :

Colour	: Dark red to brown liquid
Odour	: Data not available
pH	: Data not available
Boiling Point/range	: 117 – 119 °C at 12 mm Hg.
Melting point	: Not applicable
Flash Point	: >230 °C
Explosion properties	: Data not available
Density	: 1.09 g/ml
Solubility	: Data not available

10 Stability And Reactivity :

Incompatibilities- strong oxidizing agents, strong bases
Hazardous combustion or decomposition product
Nitrogen oxides, carbon monoxide and carbon dioxide.

11 Toxicological Information :

Acute toxicity	: Data not available.
Irritation of the eyes	: Data not available.
Irritation of the skin	: Data not available.
RTECS#	: CAS No. 6526-72-3 unlisted.
Carcinogenicity	: Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.
Special properties	: <u>Data not available.</u>

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12 Ecological Information :

Acute fish toxicity Data not available

13 Disposal Considerations :

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

14 Transport Information :

UN No. : 2810 Hazard Class : 6 Packing Group : II
Proper shipping name : Toxic liquid, organic, N.O.S.
Declaration for land shipment : As above
Declaration for sea shipment : As above
Declaration for air shipment (IATA) : As above

15 Regulatory Information :

Symbols : T
Contains ortho-nitrocumene
R 36/37/38 : Irritation to eyes, respiration system and skin.
S 26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37/39 : Wear suitable protective clothing, gloves and eye / face protection.

16 Other Information:

DISCLAIMER : Deepak Nitrite Ltd. provides the information contained herein in good faith but makes no representation as to comprehensiveness or accuracy. This document is only as a guide to a properly trained person, for the appropriate precautions and handling of the material. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. The data does not signify any warranty with regard to the product's properties.