

JAY ORGANICS

Plot no.-456, Phase-II, G.I.D.C., Vatva, Ahmedabad, INDIA-382445.

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT

Substance: 2-Nitro-P-Phenylene Diamine

CAS No. : 5307-14-2

Synonyms: 2-Nitro-p-phenylenediamine; 1,4-Diamino-2-nitrobenzene

Molecular Weight: 153.14

Chemical Formula: C₆H₇N₃O₂

2. COMPANY IDENTIFICATION

Company Name: JAY ORGANICS

Contact Company: www.jayorganics.com

3. HAZARDS IDENTIFICATION

Label precautionary statements

Caution:

Toxicity and hazard information unavailable.

Exercise due care.

4. FIRST-AID MEASURES

In case of contact, immediately flush eyes with copious amounts of Water for at least 15 minutes. In case of contact, immediately wash skin with soap and copious Amounts of water. If inhaled, remove to fresh air. If not breathing give artificial Respiration. If breathing is difficult, give oxygen. If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

5. FIRST-AID MEASURES

Extinguishing media Water spray. Carbon dioxide, dry chemical powder or appropriate foam. Special firefighting procedures Wear self-contained breathing

apparatus and protective clothing to Prevent contact with skin and eyes.Unusual fire and explosions hazards Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy Rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Refer to section 8.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles.
Compatible chemical-resistant gloves.
Niosh/msha-approved respirator.
Safety shower and eye bath.
Mechanical exhaust required.
Avoid inhalation.
Avoid contact with eyes, skin and clothing.
Avoid prolonged or repeated exposure.
Keep tightly closed.
Store in a cool dry place.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Name:2-Nitro-1,4-Phenylenediamine

Synonyms: C.I. 76070; C.I. Oxidation Base 22; 2-Nitro-p-phenylenediamine; 1,4-Diamino-2-nitrobenzene; 2-n-p-pda; 2-NDB; 2-nitro-1,4-Benzenediamine; 2-nitro-1,4-diaminobenzene; o-Nitro-p-phenylenediamine; 2-NPPD; 4-Amino-2-nitroaniline; C.I. oxidation base 22; durafur brown; durafur brown 2R; Dye gs; fouramine 2R; fourrine 36; fourrine brown 2R; nitro-p-phenylenediamine; oxidation base 22; ursol brown rr; zoba brown rr; 2-Nitro-p-phenylene diamine

Molecular Formula: C₆H₇N₃O₂

Molecular Weight: 153.14

InChI: InChI=1/C₆H₇N₃O₂/c7-4-1-2-5(8)6(3-4)9(10)11/h1-3H,7-8H2

EINECS: 226-164-5

Melting point: 134-140°C

Water solubility: <0.1 g/100 mL at 22°C

Hazard Symbols:  Xn:Harmful;

Risk Codes: R68::;

Safety Description: S36/37::;
S45::;

10. STABILITY AND REACTIVITY

Incompatibilities Hazardous combustion or decomposition products
Toxic fumes of:

11. TOXICOLOGICAL INFORMATION

Acute effects May be harmful by inhalation, ingestion, or skin absorption.
May cause eye irritation.
May cause skin irritation.
To the best of our knowledge, the chemical, physical, and Toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

N/A

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 chem scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

UN number:

ADR/RID: -

IMDG: -

IATA: -

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. OTHER REGULATORY INFORMATION AND PICTOGRAMS

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

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

Chemical safety assessment

For this product a chemical safety assessment was not carried out

16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Jay Organics be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Jay Organics has been advised of the possibility of such damages.