

MATERIAL SAFETY DATA SHEET**Product Name:** 2,4-Dinitrophenylhydrazine**CAS No.:** 119-26-6**Version:** 0**1. Identification**

Product Code : 91865
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2. Hazards Identification**Hazard classification**

Flammable liquids : Category 1

Acute toxicity, Oral : Category 4

Label elements**Hazard symbol****Signal word** : Danger**Hazard statement** : Flammable solid.
Harmful if swallowed.**Precautionary statement** : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Supplemental Hazard Statements** : None.**3. Composition/information on ingredients**

Ingredient	CAS No
2,4-Dinitrophenylhydrazine	119-26-6

4. First Aid Measures**Description of first aid measures****General advice** Consult a physician. Show this safety data sheet to the doctor in attendance.**Inhalation** : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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Skin contact	: Wash off with soap and plenty of water. Consult a physician.
Eye contact	: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Swallowed	: Do NOT induce vomiting. 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 Treatment	: No data available

5. Fire fighting measures

Extinguishing media	
Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	: Carbon oxides, Nitrogen oxides (NOx)
Advice for firefighters	: Wear self contained breathing apparatus for fire fighting if necessary
Further information	: Use water spray to cool unopened containers

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental precautions	: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up	: Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal. Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations.
Reference to other sections	: For disposal see section 13.

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- 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. Keep away from sources of ignition
- No smoking. Take measures to prevent the build up of electrostatic charge.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Flammable solid hazardous materials
- Specific end use(s)** : No data available

8. Exposure Controls Personal Protection**Control parameters****Components with workplace control parameters****Exposure controls**

- Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

- Eye/face protection** : Use equipment for eye protection tested and approved under appropriate government standards.

- Skin Protection Hand 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.

- Body Protection** : Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

- Respiratory protection** : Respiratory protection is required.

9. Physical and Chemical Properties

- Appearance** : Dark orange-red powder.
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : No data available
- Initial boiling point and boiling range** : No data available
- Flash Point** : No data available

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Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: No data available
Solubility in water	: No data available
Solubility (other)	: No data available
Formula	: C ₆ H ₆ N ₄ O ₄
Molecular Weight	: 198.14 g/mol

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	: May be shock-sensitive if dry. Heat, flames and sparks.
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
Reproductive toxicity	: No data available
Specific target organ toxicity - single exposure	: No data available
Specific target organ toxicity - repeated exposure	: No data available
Aspiration hazard	: No data available

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Toxicity : No data available.
Persistence and degradability : No data available.
Bioaccumulative potential : No data available.
Mobility in soil : No data available.
Other adverse effects : No data available.

13. Disposal consideration

Disposal instructions : Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated packaging : Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT	3380	2,4-dinitrophenylhydrazine	4.1	I	No
IMDG	3380	2,4-dinitrophenylhydrazine	4.1	I	No
IATA	3380	2,4-dinitrophenylhydrazine	4.1	I	No

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.

16. Other Information**Issue Date :** 01/08/2014**Version : 0**

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