



# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 19/04/2011

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Supersedes: 19/04/2011

Version: 2.0

**DLM-3173**

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Substance  
Substance name : 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%)  
EC index no : 609-020-00-X (Unlabeled)  
EC no : 208-601-1 (Unlabeled)  
CAS No : 93951-76-9  
Product code : DLM-3173  
Formula : (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OH  
Synonyms : 3,5-Dinitro-2-hydroxytoluene / DNOC / 4,6-Dinitro-o-cresol / 2-Methyl-4,6-dinitrophenol

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only.

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Cambridge Isotope Laboratories, Inc.  
50 Frontage Road  
Andover, MA 01810  
USA

USA: 1-800-322-1174 Int: 1-978-749-8000  
[cilsales@isotope.com](mailto:cilsales@isotope.com) [www.isotope.com](http://www.isotope.com)

#### Emergency telephone number

Emergency numbers:

Chemtrec: 1-800-424-9300 (24 hours)  
International: 1-703-741-5970 (24 hours)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 2 (Oral) H300  
Acute Tox. 2 (Dermal) H310  
Acute Tox. 2 (Inhalation:dust,mist) H330  
Skin Irrit. 2 H315  
Eye Dam. 1 H318  
Skin Sens. 1 H317  
Muta. 2 H341  
Aquatic Acute 1 H400  
Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

##### Classification according to Directive 67/548/EEC or 1999/45/EC

T+; R26/27/28  
Xi; R41  
Xi; R38  
Muta.Cat.3; R68  
R43  
N; R50/53  
T+; R27

Full text of R-phrases: see section 16

# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Classification (GHS-US)

Acute Tox. 2 (Oral)	H300
Acute Tox. 2 (Dermal)	H310
Acute Tox. 1 (Inhalation)	H330
Skin Irrit. 2	H315
Eye Dam. 1	H318
Skin Sens. 1	H317
Muta. 2	H341
Aquatic Chronic 1	H410

### Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label elements

### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazard statements (CLP) :

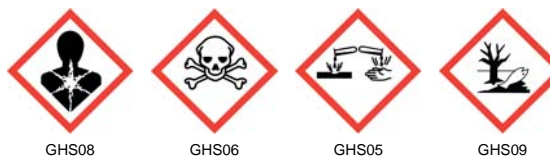
H300+H310+H330 - Fatal if swallowed, in contact with skin or if inhaled  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H341 - Suspected of causing genetic defects  
H410 - Very toxic to aquatic life with long lasting effects  
H400 - Very toxic to aquatic life

Precautionary statements (CLP) :

P260 - Do not breathe vapors, spray, mist, gas, fume, dust  
P264 - Wash Both hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P273 - Avoid release to the environment  
P280 - Wear protective gloves, protective clothing  
P284 - Wear respiratory protection

### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H300+H310+H330 - Fatal if swallowed, in contact with skin or if inhaled  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H341 - Suspected of causing genetic defects (Dermal, Inhalation, oral)  
H410 - Very toxic to aquatic life with long lasting effects  
H400 - Very toxic to aquatic life

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P260 - Do not breathe dust, fume, gas, mist, spray, vapors  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors  
P262 - Do not get in eyes, on skin, or on clothing  
P264 - Wash Both hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P273 - Avoid release to the environment  
P280 - Wear protective gloves, protective clothing  
P284 - Wear respiratory protection  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water

# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P308+P313 - IF exposed or concerned: Get medical advice/attention  
P310 - Immediately call a POISON CENTER or doctor/physician  
P320 - Specific treatment is urgent (see Hazard pictograms (CLP) on this label)  
P321 - Specific treatment (see Hazard pictograms (CLP) on this label)  
P330 - If swallowed, rinse mouth  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P361 - Remove/Take off immediately all contaminated clothing  
P362 - Take off contaminated clothing and wash before reuse  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P363 - Wash contaminated clothing before reuse  
P391 - Collect spillage  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up  
P501 - Dispose of contents/container to Comply with applicable regulations.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Name	Product identifier	%	Classification according to Directive 67/548/EEC
4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (Main constituent)	(CAS No) 93951-76-9 (EC no) 208-601-1 (Unlabeled) (EC index no) 609-020-00-X (Unlabeled)	100	T+; R26/27/28 Xi; R41 Xi; R38 Muta.Cat.3; R68 R43 N; R50/53 T+; R27
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (Main constituent)	(CAS No) 93951-76-9 (EC no) 208-601-1 (Unlabeled) (EC index no) 609-020-00-X (Unlabeled)	100	Acute Tox. 2 (Oral), H300 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R-, H- and EUH-phrases: see section 16

Name	Product identifier	%	Classification (GHS-US)
4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (Main constituent)	(CAS No) 93951-76-9	100	Acute Tox. 2 (Oral), H300 Acute Tox. 2 (Dermal), H310 Acute Tox. 1 (Inhalation), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.  
First-aid measures after inhalation : If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.  
First-aid measures after skin contact : Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.  
First-aid measures after eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

First-aid measures after ingestion : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May be fatal if inhaled. Causes respiratory tract irritation.  
Symptoms/injuries after skin contact : May be fatal if absorbed through skin. Causes skin irritation.  
Symptoms/injuries after eye contact : Causes eye irritation.  
Symptoms/injuries after ingestion : May be fatal if swallowed.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

Reactivity : Not available.

### 5.3. Advice for firefighters

Firefighting instructions : Wear self contained breathing apparatus for fire fighting if necessary.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 6.3. Methods and material for containment and cleaning up

For containment : Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

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

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep container tightly closed in a cool, dry and well-ventilated place.

Storage conditions : Store at room temperature away from light and moisture.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)		
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.2000000000 mg/m <sup>3</sup> Basal metabolism. Danger of cutaneous absorption
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	0.2 mg/m <sup>3</sup> Potential for dermal asorption.
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.2000000000 mg/m <sup>3</sup> Skin designation.
USA OSHA	OSHA PEL (Ceiling) (mg/m <sup>3</sup> )	0.2 mg/m <sup>3</sup> Skin. California permissible exposure limits for chemical contaminants. (Title 8, Article 107)

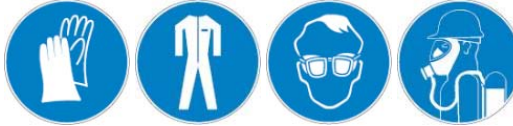
# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 8.2. 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 : Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.



- Materials for protective clothing : Wear suitable protective clothing and gloves.
- Hand protection : Wear suitable protective clothing and gloves.
- Eye protection : Wear safety glasses with side shields (or goggles) and a face shield.
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : When appropriate, use NIOSH/CEN approved respirator.
- Environmental exposure controls : Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Sheets.
- Molecular mass : 200.15 g/mol (Labeled)
- Color : Dark Yellow.
- Odor : No data available.
- Odor threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Melting point : 84.0 °C (183.2 °F)
- Freezing point : No data available
- Boiling point : No data available
- Flash point : No data available
- Self ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapor pressure : No data available
- Relative vapor density at 20 °C : No data available
- Relative density : No data available
- Solubility : No data available
- Log Pow : No data available
- Log Kow : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available
- Explosive properties : No data available
- Oxidizing properties : No data available
- Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not available.

### 10.2. Chemical stability

Five years after receipt of order if stored as above. Re-QC after five years.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Not available.

# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 10.5. Incompatible materials

Oxidizing agents, Strong bases.

### 10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Fatal if swallowed. Fatal in contact with skin. Fatal if inhaled.

4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)	
LD50 oral rat	7.0 mg/kg
LD50 dermal rat	200 mg/kg
LD50 dermal rabbit	1000 mg/kg
ATE (oral)	7.000 mg/kg body weight
ATE (dermal)	50.000 mg/kg body weight
ATE (dust, mist)	0.050 mg/l/4h

Skin corrosion/irritation : Skin - Rabbit Result: Mild skin irritation - 216 h

Serious eye damage/irritation : Eyes - Rabbit Result: Risk of serious damage to eyes - 24 h . (Draize Test)

Respiratory or skin sensitization : May cause allergic skin reaction.  
No data available

Germ cell mutagenicity : In vitro tests showed mutagenic effects.

Carcinogenicity : Not classified

Reproductive toxicity : Not available

Specific target organ toxicity (single exposure) : Not classified  
No data available

Specific target organ toxicity (repeated exposure) : Not classified  
No data available

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Headache. Burning sensation. Cough. Laryngitis. Shortness of breath. Wheezing. Absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer. Nausea. Vomiting.

Symptoms/injuries after inhalation : May be fatal if inhaled. Causes respiratory tract irritation.

Symptoms/injuries after skin contact : May be fatal if absorbed through skin. Causes skin irritation.

Symptoms/injuries after eye contact : Causes eye irritation.

Symptoms/injuries after ingestion : May be fatal if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)	
LC50 fish 1	1.54 mg/l Pimephales promelas (fathead minnow) - 96 h
EC50 Daphnia 1	2.7 mg/l Immobilization EC50 - Daphnia magna (Water flea) - 48 h
LOEC (acute)	0.5 mg/l Cyprinus carpio (Carp) - 5 d
LOEC (chronic)	2 mg/l Cyprinus carpio (Carp) - 513 d
NOEC (chronic)	0.25 mg/l Cyprinus carpio (Carp) - 5 d
NOEC chronic fish	1 mg/l Cyprinus carpio (Carp) - 13 d

### 12.2. Persistence and degradability

4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)	
Persistence and degradability	Not available.

### 12.3. Bioaccumulative potential

4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)	
Bioaccumulative potential	Not available.

### 12.4. Mobility in soil

4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)	
Ecology - soil	Not available.

# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Other adverse effects : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Waste materials should be disposed of under conditions which meet Federal, State, and Local environmental control regulations.

Waste disposal recommendations : Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Ecology - waste materials : Dispose of as unused product.

## SECTION 14: Transport information

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

### 14.1. UN number

UN-No.(DOT) : 1598  
DOT NA no. UN1598

### 14.2. UN proper shipping name

DOT Proper Shipping Name : Dinitro-o-cresol

Department of Transportation (DOT) Hazard Classes : 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132

Hazard labels (DOT) : 6.1 - Poison inhalation hazard



Packing group (DOT) : II - Medium Danger

DOT Special Provisions (49 CFR 172.102) : IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).  
IP2 - When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle.  
IP4 - Flexible, fiberboard or wooden IBCs must be sift-proof and water-resistant or be fitted with a sift-proof and water-resistant liner.  
T3 - 2.65 178.274(d)(2) Normal..... 178.275(d)(2)  
TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

DOT Packaging Exceptions (49 CFR 173.xxx) : 153

DOT Packaging Non Bulk (49 CFR 173.xxx) : 212

DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT RQ : 10 lbs

Marine pollutant : No



### 14.3. Additional information

Other information : No supplementary information available.

# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Overland transport

Packing group (ADR) : II  
Class (ADR) : 6.1 - Toxic substances  
Hazard identification number (Kemler No.) : 60  
Classification code (ADR) : T2  
Danger labels (ADR) : 6.1 - Toxic substances



Orange plates :



Tunnel restriction code : D/E  
Limited quantities (ADR) : 500g  
EAC : 2X  
Excepted quantities (ADR) : E4

### Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
MFAG-No : 153

### Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 25 kg  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 100 kg  
Civil Aeronautics Law : Toxic and infectious substances/Toxic substances

### 14.4. Environmental hazards

Dangerous for the environment :



Other information : No supplementary information available.

### 14.5. Special precautions for user

### 14.6. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)

Listed on SARA Section 302 (Specific toxic chemical listings)

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 311/312 Hazard Classes

Immediate (acute) health hazard  
Delayed (chronic) health hazard

### 15.2. International regulations

#### CANADA

#### 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) (93951-76-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.



# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 15.2.1. National regulations

No additional information available

### 15.3. US State regulations

#### 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%)(93951-76-9)

State or local regulations	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
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## SECTION 16: Other information

Other information : This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Full text of R-, H- and EUH-phrases::

Acute Tox. 2 (Dermal)	Acute toxicity (dermal) Category 2
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral) Category 2
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Muta. 2	Germ cell mutagenicity Category 2
Skin Irrit. 2	skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
H300	Fatal if swallowed
H310	Fatal in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H341	Suspected of causing genetic defects
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R26/27/28	Very toxic by inhalation, in contact with skin and if swallowed
R27	Very toxic in contact with skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R43	May cause sensitization by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R68	Possible risk of irreversible effects
N	Dangerous for the environment
T+	Very toxic
Xi	Irritant

NFPA health hazard

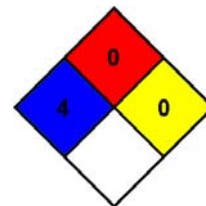
: 4 - Very short exposure could cause death or serious residual injury even though prompt medical attention was given.

NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



# 4,6-DINITRO-2-METHYLPHENOL (RING-D2, 98%) DLM-3173

## Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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### HMIS III Rating

Health : 4 Severe Hazard - Life-threatening, major or permanent damage may result from single or repeated overexposures  
Flammability : 0 Minimal Hazard  
Physical : 0 Minimal Hazard

CIL Multi-Solvent Mixture SDS

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*