

SAFETY DATA SHEET

According to Title 29 of US Code of Federal Regulations 1910.1200.



762230 DIHYDROMYRCENOL (drum)

Version 4.0

Print Date: 02/14/2019

Revision Date: 02/13/2019

SECTION 1. IDENTIFICATION

Product name : DIHYDROMYRCENOL (drum)
000000000000762230
Product code : 762230
Customer Material No. : 04-0608

Manufacturer or supplier's details

Company name of supplier : Symrise , Inc.
Address : 300 North Street
Teterboro NJ 07608
Telephone : (201) 288-3200
Telefax : (201) 288-0843
E-mail address : msds-us@symrise.com
Emergency telephone number : +1-800-535-5053 (ID# 101844)
+1-352-323-3500 (Outside US)

Recommended use of the chemical and restrictions on use


Recommended use : Fragrances

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 4
Skin irritation : Category 2
Eye irritation : Category 2A

GHS label elements

Hazard pictograms : 

Signal word : Warning

Hazard statements : H227 Combustible liquid.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water
for several minutes. Remove contact lenses, if present and easy

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to do. Continue rinsing.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
Storage:
P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards Not Otherwise Classified (HNOC)

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name : 7-Octen-2-ol, 2,6-dimethyl-
Synonyms : 2,6-Dimethyloct-7-en-2-ol
CAS-No. : 18479-58-8
Molecular formula : C₁₀H₂₀O

SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.
Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Do not give milk or alcoholic beverages.
If symptoms persist, call a physician.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide (CO₂)

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- Specific extinguishing methods :
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Use a water spray to cool fully closed containers.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Use only with adequate ventilation.
Do not breathe vapours/dust.
For industrial use only.
Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.
Take care to avoid waste and spillage when weighing, loading and mixing the product.
- Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

We are not aware of any national exposure limit.

Personal protective equipment

- Respiratory protection : In the absence of adequate ventilation, a respirator, appropriate for the specific workplace conditions, is recommended.

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- Eye protection : Wear chemical resistant goggles and/or face shield.
- Skin and body protection : Wear suitable gloves.
- Protective measures : Engineering controls providing adequate ventilation (such as hoods, point source or whole room ventilation systems for liquids and dust collection systems for dusts) are recommended as the primary method to minimize workplace exposure. When adequate ventilation cannot be achieved, the use of an appropriate respiratory protection device is recommended.
Established TLV/ TWA or PEL values should be used when possible.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : clear liquid
- Colour : colorless to pale yellow
- Odour : characteristic
- Melting point/freezing point : < -20 °C
Method: OECD Test Guideline 102
GLP: yes
- Boiling point/boiling range : 193 °C
(1,009 hPa)
Method: OECD Test Guideline 103
GLP: yes
- Flash point : 171 °F / 77 °C

Vapour pressure : **0.200 hPa (25 °C) / 0.150 mmHg (25 °C)**
Method: **Regulation (EC) No. 440/2008, Annex, A.4**
GLP: **yes**

Relative density : 0.8300 - 0.8370 (20 °C)
relation to density of water at 4°C

Solubility(ies)

Water solubility : **0.939 g/l immiscible (20 °C)**
pH: **6.3**
Method: **OECD Test Guideline 105**
GLP: **yes**

Partition coefficient: n-octanol/water : log Pow: 3.5 (30 °C)
Method: OECD 117

log Pow: 4.2 (35 °C)

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Method: OECD 117

log Pow: 3.25 (40 °C)

pH: 7

Method: OECD 117

GLP: yes

Molecular weight : 156.27 g/mol

SECTION 10. STABILITY AND REACTIVITY

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion

Inhalation

Eye contact

Skin contact

Acute toxicity

Acute oral toxicity : LD50 Oral (Rat): 3,600 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5,000 mg/kg

Skin corrosion/irritation

Species: Rabbit

Result: Moderate irritation of skin

Concentration: 100 %

GLP: yes

Serious eye damage/eye irritation

Species: Rabbit

Result: Moderate eye irritation

Concentration: 100 %

GLP: yes

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Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

- Genotoxicity in vitro
- : Test Type: Ames test
Metabolic activation: with and without metabolic activation
Method: OECD 471
Result: negative
GLP: yes
 - : Test Type: In vitro Mammalian Cell Gene Mutation Test
Test species: mouse lymphoma L5178Y cells
Metabolic activation: with and without metabolic activation
Method: OECD 476
Result: negative
GLP: yes
 - : Test Type: In vitro Mammalian Chromosome Aberration Test
Test species: Human lymphocytes
Metabolic activation: with and without metabolic activation
Method: OECD 473
Result: negative
GLP: yes

Carcinogenicity

IARC	Not listed
OSHA	Not listed
NTP	Not listed

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 27.8 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna): 38 mg/l
Exposure time: 48 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 202
GLP: yes
- NOEC (Daphnia magna): 10 mg/l

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Exposure time: 48 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 202

Toxicity to algae : NOEC (Desmodesmus subspicatus (green algae)): 25 mg/l
Exposure time: 72 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes

Persistence and degradability

Biodegradability : Result: Readily biodegradable.
Biodegradation: 72 %
Exposure time: 28 d
Method: OECD 301B
GLP: yes

Bioaccumulative potential

No data available

Mobility in soil

Distribution among environmental compartments : Medium: Soil
Koc: 177.83, log Koc: 2.25
Method: OECD 121

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.
Observe, local, state and federal regulations.
Do not dispose of waste into sewer.
Discharge into the environment must be avoided.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.
Where possible recycling is preferred to disposal or incineration.

SECTION 14. TRANSPORT INFORMATION

49CFR Road 0 – 25 kg

Not classified as dangerous in the meaning of transport regulations.

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49CFR Road 25 – 400 kg : Not classified as dangerous in the meaning of transport regulations.

49CFR Road > 400 kg

NA Number : 1993
Description of the goods : NA 1993 Combustible liquid, n.o.s.
(2,6-DIMETHYL-7-OCTEN-2-OL)

Class : CBL
Packaging group : III
ERG.No : 128
Marine pollutant : no

IMDG : Not classified as dangerous in the meaning of transport regulations.

IATA-DGR : Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA list

TSCA - 12(b) Export Notification List of Chemicals : Not listed
TSCA - 5(a) Significant New Use Rule List of Chemicals : Not listed

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard

SARA 302 : This material does not contain any components with a SARA 302 RQ.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

New Jersey Right To Know

Not listed

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California Prop 65

Not listed

SECTION 16. OTHER INFORMATION

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.