



METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 06/12/2010

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Supersedes: 21/01/2014

Version: 3.0

DLM-178

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

1.1. Product identifier

Product form	: Substance
Substance name	: METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT
EC Index-No.	: 607-034-00-0 (Unlabeled)
EC-No.	: 202-500-6 (Unlabeled)
CAS-No.	: 96-33-3 (Unlabeled)
Product code	: DLM-178
Formula	: D2C=CDCOOCH3

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 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]

Flam. Liq. 2	H225
Acute Tox. 3 (Oral)	H301
Acute Tox. 4 (Dermal)	H312
Acute Tox. 4 (Inhalation)	H332
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
STOT SE 3	H335

Full text of hazard classes and H-statements : see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F; R11
T; R25
Xn; R20/21
Xi; R36/37/38
R43
N; R51

Full text of R-phrases: see section 16

GHS-US classification

Flam. Liq. 2	H225
Acute Tox. 3 (Oral)	H301
Acute Tox. 4 (Dermal)	H312
Acute Tox. 4 (Inhalation)	H332

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Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
STOT SE 3	H335
Aquatic Acute 2	H401

Full text of H statements : see section 16

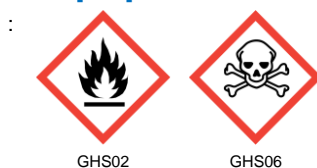
Adverse physicochemical, human health and environmental effects

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)

: H225 - Highly flammable liquid and vapor
H301 - Toxic if swallowed
H312+H332 - Harmful in contact with skin or if inhaled
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: H225 - Highly flammable liquid and vapor
H301 - Toxic if swallowed
H312+H332 - Harmful in contact with skin or if inhaled
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H401 - Toxic to aquatic life

Precautionary statements (GHS-US)

: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/Bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting equipment
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face 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 must not be allowed out of the workplace
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 - If swallowed: Immediately call a poison center or doctor
P302+P352 - If on skin: Wash with plenty of water

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P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep 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
P312 - Call a poison center or doctor if you feel unwell
P321 - Specific treatment (see supplemental first aid instruction on this label)
P322 - Specific treatment (see supplemental first aid instruction on this label)
P330 - Rinse mouth.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P363 - Wash contaminated clothing before reuse.
P370+P378 - In case of fire: Use media other than water to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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
METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT	(CAS-No.) 96-33-3 (Unlabeled) (EC-No.) 202-500-6 (Unlabeled) (EC Index-No.) 607-034-00-0 (Unlabeled)	100	F; R11 T; R25 Xn; R20/21 Xi; R36/37/38 R43 N; R51

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT	(CAS-No.) 96-33-3 (Unlabeled) (EC-No.) 202-500-6 (Unlabeled) (EC Index-No.) 607-034-00-0 (Unlabeled)	100	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335

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

Name	Product identifier	%	GHS-US classification
METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (Main constituent)	(CAS-No.) 96-33-3 (Unlabeled)	100	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 2, H401

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 : If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area.
First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area. If not breathing give artificial respiration. Get medical advice/attention.
First-aid measures after skin contact : Wash with plenty of soap and water. and soap. Get immediate medical advice/attention.
First-aid measures after eye contact : Rinse cautiously with water for several minutes.

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First-aid measures after ingestion : Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.

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

Symptoms/effects after inhalation : Harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact : Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Causes serious eye irritation.
Symptoms/effects after ingestion : Toxic 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 : Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.

5.3. Advice for firefighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Wear a self contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear recommended personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid breathing vapors, mist, gas. Avoid dust formation. Ensure adequate ventilation, especially in confined areas. Evacuate danger area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapor concentrations.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a well-ventilated place. Keep container tightly closed.

Storage conditions : Store refrigerated (-5 °C to 5 °C). Protect from light.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (96-33-3 (Unlabeled))		
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	35 mg/m ³ USA. NIOSH Recommended Exposure Limits Potential for dermal absorption

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Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	2.00000000 ppm USA. ACGIH Threshold Limit Values (TLV) Remarks : Dermal Sensitization Upper Respiratory Tract irritation Eye irritation Eye damage Skin irritation Not classifiable as a human carcinogen Not classifiable as a human carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m ³)	35 mg/m ³ California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm California permissible exposure limits for chemical contaminants (Title 8, Article 107)

8.2. Exposure controls

Appropriate engineering controls : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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 eye protection. Chemical goggles or face shield with safety glasses.

Skin and body protection : Wear suitable protective clothing, gloves and eye/face protection.

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid, clear
Molecular mass	: 89.11 g/mol (Labeled)
Color	: Colorless
Odor	: Pungent
Odor threshold	: No data available
pH	: at 20 °C (68 °F)neutral
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: -75 °C (-103 °F) - lit.
Freezing point	: No data available
Boiling point	: 80 °C 176 °F - lit.
Flash point	: -2.8 °C (27.0 °F) - closed cup
Auto-ignition temperature	: 468 °C (874 °F) at 1,013.25 hPa
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: 90 hPa at 20.2 °C (68.4 °F) , 150 hPa at 30.8 °C(87.4 °F)
Relative vapor density at 20 °C	: 2.97 - (Air = 1.0)
Relative density	: 0.956 g/cm ³ at 25 °C (77 °F)
Solubility	: Water: ca.60 g/l at 20 °C (68 °F)
Log Pow	: 0.74 at 25 °C (77 °F) - Bioaccumulation is not expected.
Log Kow	: No data available
Viscosity, kinematic	: 10 mm ² /s at 23 °C (73 °F) -
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: 2.8 - 25 vol %

9.2. Other information

Additional information : Surface tension 24.2 mN/m at 20 °C (68 °F)

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Two years after receipt if stored as stated in "Storage" section. Re-QC after 2 years.

10.3. Possibility of hazardous reactions

Vapors may form explosive mixture with air.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Oxidizing agent. Peroxides.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: Toxic if swallowed. Dermal: Harmful in contact with skin. Inhalation: Harmful if inhaled.

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (96-33-3 (Unlabeled))	
LD50 oral rat	768 mg/kg - male (OECD Test Guideline 401)
LD50 dermal rabbit	1250 mg/kg - 1,250 mg/kg Remarks: (ECHA)
LC50 inhalation rat (mg/l)	< 10.8 mg/l/4h - male and female (OECD Test Guideline 403)
ATE CLP (oral)	100.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
ATE CLP (gases)	4500.000 ppmV/4h
ATE CLP (vapors)	11.000 mg/l/4h
ATE CLP (dust, mist)	1.500 mg/l/4h
Additional information	Inhalation Irritating to respiratory system.

Skin corrosion/irritation	: Skin - Rabbit Result: Skin irritation - 4 h. (OECD Test Guideline 404) pH: at 20 °C (68 °F)neutral
Serious eye damage/irritation	: Eyes - Rabbit Result: Eye irritation. Remarks pH: at 20 °C (68 °F)neutral
Respiratory or skin sensitization	: Local lymph node assay (LLNA) - Mouse - Result: Positive - (OECD Test Guideline 429)
Germ cell mutagenicity	: AMES test Result: Not mutagenic in Ames Test (IUCLID) Mouse - male - Bone marrow Result: negative (ECHA)
Carcinogenicity	: This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Inhalation - May cause respiratory irritation. Acute oral toxicity - Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract. Acute inhalation toxicity - mucosal irritations, Cough, Shortness of breath, Possible damages:., damage of respiratory tract
Specific target organ toxicity – repeated exposure	: Repeated dose toxicity - Rat - male and female - Oral - no observed adverse effect level - 5 mg/kg -90 d - - Lowest observed adverse effect level - 20 mg/kg Subchronic toxicity RTECS: AT2800000
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: 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. Cough, shortness of breath, Headache, Nausea, Vomiting. Prolonged or repeated exposure can cause: Lung irritation. CNS disorders. Damage to the lungs. liver. Other dangerous properties can not be excluded. Handle in accordance with good industrial hygiene and safety practice.
Symptoms/effects after inhalation	: Harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Toxic if swallowed.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (96-33-3 (Unlabeled))	
LC50 fish 1	3.4 mg/l flow-through test LC50 - Oncorhynchus mykiss (rainbow trout) - 96 h (OECD Test Guideline 203)
EC50 Daphnia 1	2.6 mg/l EC50 - Daphnia magna (Water flea) - 48 h (OECD Test Guideline 202)
LC50 fish 2	1.1 mg/l Flow-through test LC50 - Cyprinodon variegatus (sheepshead minnow) - 1.1 mg/l - 96 h (OECD Test Guideline 203)
ErC50 (algae)	test ErC50 - Pseudokirchneriella subcapitata (green algae) - 3.55 mg/l - 96 h (OECD Test Guideline 201)
ErC50 (other aquatic plants)	static static test EC10 - activated sludge - > 100 mg/l - 72 h Remarks: (ECHA)

12.2. Persistence and degradability

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (96-33-3 (Unlabeled))	
Biodegradation	90 - 100 % - Readily biodegradable aerobic - Exposure time 28 d Result:(OECD Test Guideline 310)

12.3. Bioaccumulative potential

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (96-33-3 (Unlabeled))	
Log Pow	0.74 at 25 °C (77 °F) - Bioaccumulation is not expected.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Disposal must be done according to official regulations; Avoid release to the environment.

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.

Product/Packaging 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 / IMDG / IATA / ADN

14.1. UN number

UN-No.(DOT) : 1919
DOT NA no. UN1919

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Methyl acrylate, stabilized
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP13 - Self-contained breathing apparatus must be provided when this hazardous material is transported by sea.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150

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DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242

14.3. Additional information

Emergency Response Guide (ERG) Number : 129P
Other information : No supplementary information available.

Overland transport

Packing group (ADR) : II
Class (ADR) : 3 - Flammable liquid
Hazard identification number (Kemler No.) : 339
Classification code (ADR) : F1
Hazard labels (ADR) : 3 - Flammable liquids



Orange plates : An orange rectangular label with a black border, divided into two horizontal sections. The top section contains the number '339' and the bottom section contains the number '1919'.

Tunnel restriction code (ADR) : D/E
Limited quantities (ADR) : 1I
EAC : 3WE
Excepted quantities (ADR) : E2

Transport by sea

DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
MFAG-No : 129P

Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L
Civil Aeronautics Law : Flammable liquids

14.4. Environmental hazards

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

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (96-33-3 (Unlabeled))	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313

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15.2. International regulations

CANADA

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT (96-33-3 (Unlabeled))

Listed on the Canadian DSL (Domestic Substances List)

15.2.1. National regulations

No additional information available

15.3. US State regulations

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT(96-33-3 (Unlabeled))

U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List

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:

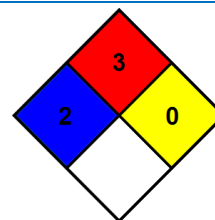
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
R11	Highly flammable
R20/21	Harmful by inhalation and in contact with skin
R25	Toxic if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
R43	May cause sensitization by skin contact
R51	Toxic to aquatic organisms
F	Highly flammable
N	Dangerous for the environment
T	Toxic
Xi	Irritant
Xn	Harmful

METHYL ACRYLATE (2,3,3-D3, 98%) + 0.1% BHT DLM-178

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

- | | |
|--------------------|---|
| NFPA health hazard | : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury. |
| NFPA fire hazard | : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions. |
| NFPA reactivity | : 0 - Material that in themselves are normally stable, even under fire conditions. |



Hazard Rating

- | | |
|--------------|---|
| Health | : 2 Moderate Hazard - Temporary or minor injury may occur |
| Flammability | : 3 Serious Hazard |
| Physical | : 0 Minimal Hazard |

CIL Substance 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