

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

Version: 2.0

Date of issue: 06/05/2011 Revision date: 19/10/2017 Supersedes: 06/05/2011

CLM-4420

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

1.1. Product identifier

Product form : Substance

Substance name : METHACRYLONITRILE (NITRILE-13C, 99%)

 EC Index No
 : 608-010-00-2 (Unlabeled)

 EC No
 : 204-817-5 (Unlabeled)

 CAS No
 : 126-98-7 (Unlabeled)

Product code : CLM-4420 Formula : CH2=C(CH3)*CN

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 <u>cilsales@isotope.com</u> 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. 3 (Dermal)
 H311

 Acute Tox. 1 (Inhalation)
 H330

 Skin Sens. 1
 H317

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; R24/25 T+; R26 R52/53 R43

Full text of R-phrases: see section 16

GHS-US classification

Flam. Liq. 2 H225
Acute Tox. 3 (Oral) H301
Acute Tox. 3 (Dermal) H311
Acute Tox. 1 (Inhalation) H330
Skin Sens. 1 H317
Aquatic Acute 3 H402

Full text of H statements : see section 16

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Adverse physicochemical, human health and environmental effects

No additional information available

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+H311 - Toxic if swallowed or in contact with skin

H317 - May cause an allergic skin reaction

H330 - Fatal if inhaled

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, lighting, ventilating equipment P260 - Do not breathe dust, fume, mist, gas, spray, vapors 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)





GHS06

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H225 - Highly flammable liquid and vapor

H301+H311 - Toxic if swallowed or in contact with skin

H317 - May cause an allergic skin reaction

H330 - Fatal if inhaled H402 - Harmful to aquatic life

: P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking Precautionary statements (GHS-US)

P233 - Keep container tightly closed

P240 - Ground/Bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge P260 - Do not breathe dust, fume, gas, mist, spray, vapors P261 - Avoid breathing dust, fume, gas, mist, spray, vapors 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 clothing, protective gloves

P284 - - Respiratory protection

P301+P310 - If swallowed: Immediately call a doctor, a POISON CENTER

P302+P352 - If on skin: Wash with plenty of water

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

P310 - Immediately call a doctor, a POISON CENTER

P312 - Call a doctor, a POISON CENTER if you feel unwell

P320 - Specific treatment is urgent (see Hazardous component(s) for labeling on this label)

P321 - Specific treatment (see Hazardous component(s) for labeling on this label)

P322 - Specific treatment (see Hazard pictograms (CLP) on this label)

P330 - Rinse mouth

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

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P361+P364 - Take off immediately all contaminated clothing and wash it before reuse

P363 - Wash contaminated clothing before reuse

P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO2), dry

extinguishing powder 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
METHACRYLONITRILE (NITRILE-13C, 99%)	(CAS No) 126-98-7 (Unlabeled) (EC No) 204-817-5 (Unlabeled) (EC Index No) 608-010-00-2 (Unlabeled)	100	F; R11 T; R24/25 T+; R26 R52/53 R43
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
METHACRYLONITRILE (NITRILE-13C, 99%)	(CAS No) 126-98-7 (Unlabeled) (EC No) 204-817-5 (Unlabeled) (EC Index No) 608-010-00-2 (Unlabeled)	100	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 1 (Inhalation), H330 Skin Sens. 1, H317

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

Name	Product identifier	%	GHS-US classification
METHACRYLONITRILE (NITRILE-13C, 99%) (Main constituent)	(CAS No) 126-98-7 (Unlabeled)	100	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 1 (Inhalation), H330 Skin Sens. 1, H317 Aquatic Acute 3, H402

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

First-aid measures after skin contact

: When symptoms occur: go into open air and ventilate suspected area. If not breathing, give artificial respiration. Get medical advice/attention.

artificiai resp

Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a poison center or doctor/physician. Wash with plenty of soap and water. Specific measures (see Hazard pictograms (CLP) on this label). Wash contaminated clothing before reuse. If skin irritation or rash occurs: Gently wash with plenty of soap and water, Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see

Hazard pictograms (CLP) on this label).

First-aid measures after eye contact

First-aid measures after ingestion

: Rinse cautiously with water for several minutes.

: Rinse mouth. Obtain emergency medical attention. Immediately call a poison center or doctor/physician. Specific treatment (see Hazard pictograms (CLP) on this label).

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

Symptoms/injuries after inhalation

: Fatal if inhaled. May cause an allergic skin reaction.

Symptoms/injuries after skin contact

: Toxic in contact with skin. Repeated exposure to this material can result in absorption through skin causing significant health hazard.

Symptoms/injuries after eye contact

: May cause eye irritation.

Symptoms/injuries after ingestion

: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health

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

Treat symptomatically.

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.

Explosion hazard : May form flammable/explosive vapor-air mixture.

Reactivity : Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

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.

Other information : Use water spray to cool exposed surfaces

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Remove ignition sources. Use special care

: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Wear respiratory protection. Avoid breathing vapors, mist, gas. Ensure adequate air ventilation.

Eliminate all ignition sources if safe to do so. Evacuate unnecessary personnel. Provide adequate ventilation to minimize dust and/or vapor concentrations. Special attention should be

given to low areas/pits where flammable vapors can accumulate.

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 : Collect spillage. Clean up any spills as soon as possible, using an absorbent material to collect

it. Vacuum with an equipment that avoids ignition risk. Small quantities of liquid spill: take up in

non-combustible absorbent material and shovel into container for disposal.

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

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Avoid all eye and skin contact and do not breathe vapor and mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Handle empty containers with

care because residual vapors are flammable.

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapor concentrations. No open flames. No

smoking. Use only non-sparking tools.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash

contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment. Use explosion-proof Lighting equipment, ventilating equipment. Containers which are opened should be properly resealed and kept upright to

prevent leakage.

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

Incompatible materials : Heat sources.

Storage area : TRGS 510: Storage of hazardous substances in non-stationary containers. Flammable liquid.

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

METHACRYLONITRILE (NITRILE-13C, 99%) (126-98-7 (Unlabeled))		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	1.00000000 ppm USA. ACGIH Threshold Limit Values (TLV)
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Central Nervous System impairment. Skin & Eye irritation. Danger of cutaneous absorption. Not classifiable as a human carcinogen.
USA NIOSH	NIOSH REL (TWA) (mg/m³)	3 mg/m³ USA. NIOSH Recommended Exposure Limits.
USA NIOSH	NIOSH REL (TWA) (ppm)	1 ppm USA. NIOSH Recommended Exposure Limits.
USA NIOSH	Remark (NIOSH)	Potential for dermal absorption.
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	3 mg/m³
USA OSHA	OSHA PEL (Ceiling) (ppm)	1 ppm
USA OSHA	Remark (OSHA)	Skin. 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 : 68.08 g/mol (Labeled)

Color : Colorless.

Odor : No data available
Odor threshold : No data available
pH : No data available
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : -35.8 °C (-32.4 °F) - lit.
Freezing point : No data available

 Boiling point
 : 90 - 92 °C (194 - 198 °F) - lit.

 Flash point
 : 12 °C (54 °F) - closed cup

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Highly flammable liquid and vapor

Vapor pressure : 85 hPa (64 mmHg) at 20 °C (68 °F); 303 hPa (227 mmHg) at 55 °C (131 °F)

Relative vapor density at 20 °C : No data available

Relative density : No data available

Specific gravity / density : 0.8 g/ml at 25 °C (77 °F)

Solubility : Water: 26.9 g/l at 50 °C (122 °F)

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Log Pow : 1.198

: No data available Log Kow Viscosity, kinematic : No data available Viscosity, dynamic : No data available : No data available Explosive properties Oxidizing properties : No data available **Explosion limits** : 1.7 - 13.2 % (V)

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

Chemical stability

Stable if stored under recommended conditions.

Possibility of hazardous reactions

vapors may form explosive mixture with air.

Conditions to avoid

Open flame. Direct sunlight. Heat. Sparks.

Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Strong reducing agents.

Hazardous decomposition products

Carbon oxides (CO, CO2). Nitrogen oxides. Hydrogen cyanide (hydrocyanic acid).

SECTION 11: Toxicological information

Information on toxicological effects 11.1.

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

METHACRYLONITRILE (NITRILE-13C, 99%) (126-98-7 (Unlabeled))	
LD50 oral rat	120 mg/kg
LC50 inhalation rat (ppm)	328 ppm/4h Remarks: Behavioral:Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration:Dyspnea.
ATE CLP (oral)	100.000 mg/kg body weight
ATE CLP (dermal)	300.000 mg/kg body weight
ATE CLP (gases)	10.000 ppmV/4h
ATE CLP (vapors)	0.050 mg/l/4h
ATE CLP (dust, mist)	0.005 mg/l/4h

Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : In vitro assay. lymphocytes. Result: Negative.

Mutagenicity (micronucleus test) - Rat - male Result: negative

: Not classified Carcinogenicity : Not classified Reproductive toxicity Specific target organ toxicity - single exposure : Not classified Specific target organ toxicity - repeated : Not classified exposure

: Not classified Aspiration hazard

Potential Adverse human health effects and

symptoms

: Toxic if swallowed. Toxic in contact with skin. 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.

Other information : May cause cyanosis.

Symptoms/injuries after inhalation : Fatal if inhaled. May cause an allergic skin reaction.

Toxic in contact with skin. Repeated exposure to this material can result in absorption through Symptoms/injuries after skin contact

skin causing significant health hazard.

Symptoms/injuries after eye contact : May cause eye irritation.

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Symptoms/injuries after ingestion

: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

METHACRYLONITRILE (NITRILE-13C, 99%) (126-98-7 (Unlabeled))	
EC50 Daphnia 1	250 mg/l Daphnia magna (Water flea) - 48 h (OECD Test Guideline 202)
EC50 other aquatic organisms 1	354 mg/l - Danio rerio (zebra fish) - 96 h
ErC50 (algae)	25.3 mg/l static test - Pseudokirchneriella subcapitata (green algae) - 72 h (OECD Test Guideline 201)

12.2. Persistence and degradability

METHACRYLONITRILE (NITRILE-13C, 99%) (126-98-7 (Unlabeled))	
Persistence and degradability	Readily biodegradable.
Biodegradation	83 % aerobic (OECD method 301C)

12.3. Bioaccumulative potential

METHACRYLONITRILE (NITRILE-13C, 99%) (1	26-98-7 (Unlabeled))
Log Pow	1.198

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

Other adverse effects

 Environmental precautions. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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.

Additional information : Handle empty containers with care because residual vapors are flammable.

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) : 3079 DOT NA no. UN3079

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Methacrylonitrile, stabilized

Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 6.1(3) - Poison inhalation hazard

3 - Flammable liquid





DOT Symbols : +- Fixes (cannot be altered) proper shipping name, hazard class, and packing group

Packing group (DOT) : I - Great Danger

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DOT Special Provisions (49 CFR 172.102)

: 2 - This material is poisonous by inhalation (see 171.8 of this subchapter) in Hazard Zone B (see 173.116(a) or 173.133(a) of this subchapter), and must be described as an inhalation hazard under the provisions of this subchapter.

B9 - Bottom outlets are not authorized.

B14 - Each bulk packaging, except a tank car or a multi-unit-tank car tank, must be insulated with an insulating material so that the overall thermal conductance at 15.5 C (60 F) is no more than 1.5333 kilojoules per hour per square meter per degree Celsius (0.075 Btu per hour per square foot per degree Fahrenheit) temperature differential. Insulating materials must not promote corrosion to steel when wet.

B32 - MC 312, MC 330, MC 331, DOT 412 cargo tanks and DOT 51 portable tanks must be made of stainless steel, except that steel other than stainless steel may be used in accordance with the provisions of 173.24b(b) of this subchapter. Thickness of stainless steel for tank shell and heads for cargo tanks and portable tanks must be the greater of 6.35 mm (0.250 inch) or the thickness required for a tank with a design pressure at least equal to 1.3 times the vapor pressure of the lading at 46 C (115 F). In addition, MC 312 and DOT 412 cargo tank motor vehicles must: a. Be ASME Code (U) stamped for 100% radiography of all pressure-retaining welds; b. Have accident damage protection which conforms with 178.3458 of this subchapter; c. Have a MAWP or design pressure of at least 87 psig; and d. Have a bolted man way cover. T20 - 10 8 mm Prohibited 178.275(g)(3).

TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.

TP13 - Self-contained breathing apparatus must be provided when this hazardous material is transported by sea.

TP38 - Each portable tank must be insulated with an insulating material so that the overall thermal conductance at 15.5 C (60 F) is no more than 1.5333 kilojoules per hour per square meter per degree Celsius (0.075 Btu per hour per square foot per degree Fahrenheit) temperature differential. Insulating materials may not promote corrosion to steel when wet. TP45 - Each portable tank must be made of stainless steel, except that steel other than stainless steel may be used in accordance with the provisions of 173.24b(b) of this subchapter. Thickness of stainless steel for portable tank shells and heads must be the greater of 6.35 mm (0.250 inch) or the thickness required for a portable tank with a design pressure at least equal to 1.3 times the vapor pressure of the hazardous material at 46 C (115 F).

DOT Packaging Exceptions (49 CFR 173.xxx) : None
DOT Packaging Non Bulk (49 CFR 173.xxx) : 227
DOT Packaging Bulk (49 CFR 173.xxx) : 244

14.3. Additional information

Emergency Response Guide (ERG) Number : 131P

Other information : No supplementary information available.

Overland transport

Packing group (ADR) : I

Class (ADR) : 6.1 (3) - Toxic substances

Hazard identification number (Kemler No.) : 663 Classification code (ADR) : TF1

Hazard labels (ADR) : 6.1 - Toxic substances

3 - Flammable liquids



Orange plates

663 3079

Tunnel restriction code (ADR) : C/D
Limited quantities (ADR) 0
Excepted quantities (ADR) : E0

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Transport by sea

DOT Vessel Stowage Location : D - The material must be stowed "on deck only" 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, but the material is prohibited on passenger

vessels in which the limiting number of passengers is exceeded.

DOT Vessel Stowage Other : 12 - Keep as cool as reasonably practicable,25 - Shade from radiant heat,40 - Stow "clear of

living quarters"

MFAG-No : 131P

Air transport

DOT Quantity Limitations Passenger aircraft/rail : Forbidden

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : Forbidden

CFR 175.75)

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

METHACRYLONITRILE (NITRILE-13C, 99%) (126-98-7 (Unlabeled))	
Listed on the United States SARA Section 302 Subject to reporting requirements of United Stat	es SARA Section 313
SARA Section 311/312 Hazard Classes	Fire hazard

15.2. International regulations

CANADA

METHACRYLONITRILE (NITRILE-13C, 99%) (126-98-7 (Unlabeled))

Listed on the Canadian DSL (Domestic Substances List)

15.2.1. National regulations

No additional information available

15.3. US State regulations

METHACRYLONITRILE (NITRILE-13C, 99%)(126-98-7 (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 U.S Massachusetts - Right To Know 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:

ext of it-, it- and correptileses.	
Acute Tox. 1 (Inhalation)	Acute toxicity (inhalation) Category 1
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Flam. Liq. 2	Flammable liquids Category 2
Skin Sens. 1	Skin sensitization Category 1
H225	Highly flammable liquid and vapor

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H301	Toxic if swallowed
H311	Toxic in contact with skin
H317	May cause an allergic skin reaction
H330	Fatal if inhaled
R11	Highly flammable
R24/25	Toxic in contact with skin and if swallowed
R26	Very toxic by inhalation
R43	May cause sensitization by skin contact
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
F	Highly flammable
Т	Toxic
T+	Very toxic

NFPA health hazard : 4 - Materials that, under emergency conditions, can be

lethal

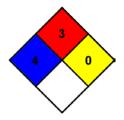
NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended

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.



HMIS III Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 3 Serious 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

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