



DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE

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: 15/03/2016

Revision date:

Version: 1.0

ULM-6575-A-S

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

1.1. Product identifier

Product form : Mixtures
Product name : DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE
Product code : ULM-6575-A-S

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

1.2.1. Relevant identified uses

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

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. 4 (Oral) H302
Acute Tox. 4 (Dermal) H312
Acute Tox. 4 (Inhalation:dust,mist) H332
Eye Irrit. 2 H319

Full text of H-phrases: see section 16

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

F; R11
Xn; R20/21/22
Xi; R36
N; R51/53

Full text of R-phrases: see section 16

Classification (GHS-US)

Flam. Liq. 2 H225
Acute Tox. 4 (Oral) H302
Acute Tox. 4 (Dermal) H312
Acute Tox. 4 (Inhalation:dust,mist) H332
Eye Irrit. 2A H319

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

ACETONITRILE UNLABELED

Hazard statements (CLP) :

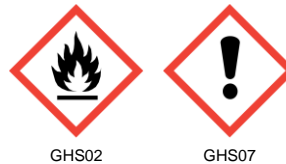
H225 - Highly flammable liquid and vapor
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled
H319 - Causes serious eye irritation

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, lighting, ventilating equipment
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors
P264 - Wash Both hands thoroughly after handling
P270 - Do no 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
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled
H319 - Causes serious eye irritation

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
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
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors
P264 - Wash Both hands thoroughly after handling
P270 - Do no eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective clothing, protective gloves
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
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
P312 - Call a POISON CENTER/doctor/physician if you feel unwell
P321 - Specific treatment (see Hazard pictograms (CLP) on this label)
P330 - If swallowed, rinse mouth
P337+P313 - If eye irritation persists: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P370+P378 - In case of fire: Use Carbon dioxide., Dry chemical., Alcohol resistant foam., Water spray for extinction
P403+P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents/container to Dispose in a safe manner in accordance with local/national regulations.

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Directive 67/548/EEC |
|------------------------|--|--------|---|
| ACETONITRILE UNLABELED | (CAS No) 75-05-8 (EC no) 200-835-2 (EC index no) 608-001-00-3 (REACH-no) 01-2119471307-38 | 99.987 | F; R11 Xi; R36 Xn; R20/21/22 |
| DIAZINON UNLABELED | (CAS No) 333-41-5 (EC no) 206-373-8 (EC index no) 015-040-00-4 | 0.013 | Xn; R22 N; R50/53 Carc.Cat.2; R45 T; R23 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------|--|--------|---|
| ACETONITRILE UNLABELED | (CAS No) 75-05-8 (EC no) 200-835-2 (EC index no) 608-001-00-3 (REACH-no) 01-2119471307-38 | 99.987 | Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 |
| DIAZINON UNLABELED | (CAS No) 333-41-5 (EC no) 206-373-8 (EC index no) 015-040-00-4 | 0.013 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Carc. 1B, H350 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410 |

| Name | Product identifier | % | Classification (GHS-US) |
|------------------------|--------------------|--------|--|
| ACETONITRILE UNLABELED | (CAS No) 75-05-8 | 99.987 | Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Specific measures (see First aid measures on this label). Wash with plenty of soap and water. Wash contaminated clothing before reuse. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. |
| First-aid measures after ingestion | : Rinse mouth. Call a POISON CENTER/doctor/physician if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention. |

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

| | |
|--------------------------------------|---|
| Symptoms/injuries after inhalation | : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. |
| Symptoms/injuries after skin contact | : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. |
| Symptoms/injuries after eye contact | : Causes serious eye damage. |
| Symptoms/injuries after ingestion | : Swallowing a small quantity of this material will result in serious health hazard. |

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 | : Carbon dioxide. Alcohol resistant foam. Dry chemical. Water spray. Foam. Dry powder. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|--------------------------------------|
| Fire hazard | : Highly flammable liquid and vapor. |
|-------------|--------------------------------------|

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

5.3. Advice for firefighters

Firefighting instructions : Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

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

General measures : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.

Precautions for safe handling : No naked lights. No smoking. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Avoid breathing dust, mist or spray.

Hygiene measures : Do no eat, drink or smoke when using this product. Wash Both hands thoroughly after handling.

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 electrical equipment.

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

Incompatible products : Strong bases. strong acids.

Incompatible materials : Heat sources. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| ACETONITRILE UNLABELED (75-05-8) | | |
|----------------------------------|-------------------------|---|
| Italy - Portugal - USA ACGIH | ACGIH TWA (ppm) | 20.0000000000 ppm Lower Respiratory Tract irritation. Not classifiable as a human carcinogen. |
| USA NIOSH | NIOSH REL (TWA) (mg/m3) | 34 mg/m ³ Forms Cyanide in the body. |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 20 ppm Forms Cyanide in the body. |
| USA OSHA | OSHA PEL (TWA) (mg/m3) | 70 mg/m ³ The value in mg/m3 is approximate. |
| USA OSHA | OSHA PEL (TWA) (ppm) | 40.0000000000 ppm The value in mg/m3 is approximate. |

| DIAZINON UNLABELED (333-41-5) | | |
|-------------------------------|--------------------------------|--|
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m ³) | 0.0100000000 mg/m ³ Cholinesterase inhibition. Pesticide. Not classifiable as a human carcinogen. Danger of cutaneous absorption. |

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| DIAZINON UNLABELED (333-41-5) | | |
|-------------------------------|-------------------------|--|
| USA NIOSH | NIOSH REL (TWA) (mg/m3) | 0.1 mg/m ³ Potential for dermal absorption. |
| USA OSHA | OSHA PEL (TWA) (mg/m3) | 0.100000000 mg/m ³ Skin notation |

8.2. Exposure controls

Personal protective equipment : Gas mask with filter type NO at conc. in air >. Protective clothing. Protective goggles. Self-contained breathing apparatus. 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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The properties listed below are for the solvent, the main component of this mixture.

Physical state : Liquid
Appearance : Liquid, clear.
Molecular mass : 41.05 g/mol
Color : Colorless.
Odor : characteristic.
Odor threshold : No data available
pH : No data available
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : -48 °C (-54°F)
Freezing point : No data available
Boiling point : 81 - 82 °C (178 - 180 °F)
Flash point : 2.0 °C (35.6 °F) - closed cup
Self ignition temperature : 523 °C (973 °F)
Decomposition temperature : No data available
Flammability (solid, gas) : Highly flammable liquid and vapor
Vapor pressure : 73.18 hPa (54.89 mmHg) at 15°C (59 °F), 119.81 hPa (89.86 mmHg) at 25°C(77 °F)
Relative vapor density at 20 °C : 1.42 - (Air = 1.0)
Relative density : No data available
Density : 0.786 g/ml
Solubility : Water: 100 %
Log Pow : -0.34
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 : 4.4 - 16 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

See storage and expiration date on CoA.

10.3. Possibility of hazardous reactions

Not established.

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10.4. Conditions to avoid

Open flame. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

strong acids. Strong bases. Oxidizing agents. Alkali metals.

10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide. carbon oxides. Hydrogen cyanide (hydrocyanic acid). Nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

| DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE | |
|--|----------------------------|
| ATE (oral) | 500.000 mg/kg body weight |
| ATE (dermal) | 1100.000 mg/kg body weight |
| ATE (dust, mist) | 1.500 mg/l/4h |

| ACETONITRILE UNLABELED (75-05-8) | |
|----------------------------------|----------------------------|
| LD50 oral rat | 2460 mg/kg |
| LD50 dermal rabbit | 2000 mg/kg |
| LC50 inhalation rat (mg/l) | ≥ 26.8 mg/l |
| LC50 inhalation rat (ppm) | 7551 ppm - 8h |
| ATE (oral) | 500.000 mg/kg body weight |
| ATE (dermal) | 2000.000 mg/kg body weight |
| ATE (gases) | 4500.000 ppmV/4h |
| ATE (vapors) | 11.000 mg/l/4h |
| ATE (dust, mist) | 1.500 mg/l/4h |

| DIAZINON UNLABELED (333-41-5) | |
|-------------------------------|------------------------------|
| LD50 oral rat | 1012 mg/kg |
| LD50 oral | 696 mg/kg Rat |
| LD50 dermal rabbit | > 2020 mg/kg |
| LC50 inhalation rat (mg/l) | > 5400 mg/m ³ 4 h |
| ATE (oral) | 1012.000 mg/kg body weight |
| ATE (gases) | 700.000 ppmV/4h |
| ATE (vapors) | 3.000 mg/l/4h |
| ATE (dust, mist) | 0.500 mg/l/4h |

| | |
|---|---|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Causes serious eye irritation. Causes serious eye damage |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Potential Adverse human health effects and symptoms | : Harmful if swallowed. Harmful in contact with skin. Based on available data, the classification criteria are not met. Harmful if inhaled. |
| Symptoms/injuries after inhalation | : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. |
| Symptoms/injuries after skin contact | : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. |
| Symptoms/injuries after eye contact | : Causes serious eye damage. |
| Symptoms/injuries after ingestion | : Swallowing a small quantity of this material will result in serious health hazard. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

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| ACETONITRILE UNLABELED (75-05-8) | |
|----------------------------------|---|
| LC50 fish 1 | 1640.00 mg/l Pimephales promelas (fathead minnow) - 96h |
| EC50 Daphnia 1 | 3600 mg/l Daphnia magna (Water flea) - 48h |
| NOEC (chronic) | 640 mg/l Daphnia magna (Water flea) - 14d |

| DIAZINON UNLABELED (333-41-5) | |
|-------------------------------|---|
| LC50 fish 1 | 3.2 mg/l Salmo salar (Atlantic salmon) - 96 h |
| EC50 Daphnia 1 | 0.7 µg/l Daphnia magna (Water flea) - 48 h |
| LOEC (acute) | 0.316 mg/l Pimephales promelas - 7 d |
| LOEC (chronic) | 0.001 mg/l Daphnia (Water flea) - 48 h |
| NOEC (acute) | 0.001 mg/l Daphnia (Water flea) - 48 h |

12.2. Persistence and degradability

| DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE | |
|--|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

| ACETONITRILE UNLABELED (75-05-8) | |
|----------------------------------|---|
| Persistence and degradability | Biodegradability Result: - Readily biodegradable. |

| DIAZINON UNLABELED (333-41-5) | |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

12.3. Bioaccumulative potential

| DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE | |
|--|------------------|
| Log Pow | -0.34 |
| Bioaccumulative potential | Not established. |

| ACETONITRILE UNLABELED (75-05-8) | |
|----------------------------------|--|
| Log Pow | -0.34 |
| Bioaccumulative potential | No bioaccumulation is to be expected (log Pow <= 4). |

| DIAZINON UNLABELED (333-41-5) | |
|-------------------------------------|---|
| BCF fish 1 | 0.0018 mg/l Cyprinus carpio (Carp) - 14 d |
| Bioconcentration factor (BCF REACH) | 120 |
| Log Pow | 3.3 |

12.4. Mobility in soil

| ACETONITRILE UNLABELED (75-05-8) | |
|----------------------------------|---------------------------------|
| Ecology - soil | Not expected to absorb on soil. |

| DIAZINON UNLABELED (333-41-5) | |
|-------------------------------|----------------|
| Ecology - soil | Not available. |

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information : 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. |
| Waste disposal recommendations | : Dispose of contents/container to Dispose in a safe manner in accordance with local/national regulations. Dispose in a safe manner in accordance with local/national regulations. |
| Additional information | : Handle empty containers with care because residual vapors are flammable. |
| Ecology - waste materials | : Avoid release to the environment. |

SECTION 14: Transport information

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

14.1. UN number

| | |
|-------------|--------|
| UN-No.(DOT) | : 1648 |
| DOT NA no. | UN1648 |

14.2. UN proper shipping name

| | |
|--------------------------|----------------|
| DOT Proper Shipping Name | : Acetonitrile |
|--------------------------|----------------|

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Department of Transportation (DOT) Hazard Classes : 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.
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(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.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
Marine pollutant : No



14.3. Additional information

Other information : No supplementary information available.

Overland transport

Packing group (ADR) : II
Class (ADR) : 3 - Flammable liquid
Hazard identification number (Kemler No.) : 33
Classification code (ADR) : F1
Danger labels (ADR) : 3 - Flammable liquids



Orange plates : An orange rectangular hazard plate with a black border. It is divided into two horizontal sections. The top section contains the number '33' and the bottom section contains the number '1648'.

Tunnel restriction code : D/E
Limited quantities (ADR) : 1L
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.
DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"
MFAg-No : 127

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Air transport

DOT Quantity Limitations Passenger aircraft/rail : 5L
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L

Civil Aeronautics Law : Flammable liquids

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

DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE

Listed on SARA Section 313 (Specific toxic chemical listings)

| | |
|-------------------------------------|---|
| SARA Section 311/312 Hazard Classes | Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard |
|-------------------------------------|---|

ACETONITRILE UNLABELED (75-05-8)

Listed on SARA Section 313 (Specific toxic chemical listings)

| | |
|-------------------------------------|---|
| SARA Section 311/312 Hazard Classes | Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard |
|-------------------------------------|---|

15.2. International regulations

CANADA

DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE

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

ACETONITRILE UNLABELED (75-05-8)

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

15.2.1. National regulations

No additional information available

15.3. US State regulations

DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE()

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

ACETONITRILE UNLABELED (75-05-8)

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

DIAZINON UNLABELED 100 UG/ML IN ACETONITRILE ULM-6575-A-S

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

SECTION 16: Other information

Other information : None.

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

| | |
|-------------------------------------|---|
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhalation) Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment - Acute Hazard Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Carc. 1B | Carcinogenicity Category 1B |
| Eye Irrit. 2 | Serious eye damage/eye irritation Category 2 |
| Flam. Liq. 2 | Flammable liquids Category 2 |
| H225 | Highly flammable liquid and vapor |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H319 | Causes serious eye irritation |
| H331 | Toxic if inhaled |
| H332 | Harmful if inhaled |
| H350 | May cause cancer |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| R11 | Highly flammable |
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed |
| R22 | Harmful if swallowed |
| R23 | Toxic by inhalation |
| R36 | Irritating to eyes |
| R45 | May cause cancer |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| F | Highly flammable |
| N | Dangerous for the environment |
| T | Toxic |
| Xi | Irritant |
| Xn | Harmful |

NFPA health hazard

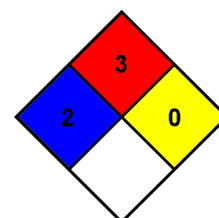
: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard

: 3 - Liquids and solids that can be ignited under almost all ambient conditions.

NFPA reactivity

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



HMIS III Rating

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

Flammability : 3 Serious Hazard

Physical : 0 Minimal Hazard

CIL 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