

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: 25/10/2015 Revision date: 19/09/2019 Supersedes: 20/10/2016 Version: 2.1

ULM-9042-S

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

1.1. Product identifier

Product form : Mixtures

Product name : N-NITROSODIMETHYLAMINE UNLABELED 1 MG/ML IN METHYLENE CHLORIDE

Product code : ULM-9042-S

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]

Acute Tox. 4 (Oral) H302
Acute Tox. 4 (Dermal) H312
Skin Irrit. 2 H315
Eye Irrit. 2 H319
Carc. 2 H351
STOT SE 3 H336
STOT SE 3 H335
STOT RE 2 H373

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

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

Carc.Cat.3; R40 T; R39/23/24/25 Xi; R36/38

Full text of R-phrases: see section 16

GHS-US classification

Acute Tox. 4 (Oral) H302
Acute Tox. 4 (Dermal) H312
Skin Irrit. 2 H315
Eye Irrit. 2A H319
Carc. 2 H351
STOT SE 3 H336
STOT SE 3 H335
STOT RE 2 H373

Full text of H statements : see section 16

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Adverse physicochemical, human health and environmental effects

Liver, Pancreas, Blood, Central nervous system, Heart, Kidney. Inhalation: anesthetic effects, nausea and drunkeness. Suspected of causing cancer (in contact with skin, if swallowed, if inhaled). May cause damage to organs (liver, blood, central nervous system) through prolonged or repeated exposure (if swallowed, if inhaled). May cause drowsiness or dizziness. Harmful in contact with skin. Harmful if swallowed. May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS08



Signal word (CLP) : Warning

Hazardous ingredients : METHYLENE CHLORIDE UNLABELED

Hazard statements (CLP) : H302+H312 - Harmful if swallowed or in contact with skin

H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness

H351 - Suspected of causing cancer (in contact with skin, if inhaled, if swallowed)

H373 - May cause damage to organs (blood, brain, heart, liver, kidneys, pancreas) through

prolonged or repeated exposure (in contact with skin, if inhaled, if swallowed)

Precautionary statements (CLP) : P260 - Do not breathe dust, fume, gas, mist, spray, vapors.

P264 - Wash Both hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear eye protection, face protection, protective clothing, protective gloves. P301+P312 - IF SWALLOWED: Call a doctor, a POISON CENTER if you feel unwell.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

GHS-US labeling

Hazard pictograms (GHS-US)





Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H302+H312 - Harmful if swallowed or in contact with skin

H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness

H351 - Suspected of causing cancer (Dermal, Inhalation, oral)

H373 - May cause damage to organs (blood, brain, heart, liver, kidneys, pancreas) through

prolonged or repeated exposure (Dermal, Inhalation, oral)

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use.

 $\mbox{P202}$ - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust, fume, gas, mist, spray, vapors. P261 - Avoid breathing dust, fume, gas, mist, spray, vapors. P264 - Wash Both hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear eye protection, face protection, protective clothing, protective gloves.

P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell

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

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

P308+P313 - If exposed or concerned: Get medical advice/attention.

P312 - Call a poison center or doctor if you feel unwell

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P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see Hazard pictograms (CLP) on this label)

P330 - Rinse mouth.

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.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container to Comply with applicable regulations

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
METHYLENE CHLORIDE UNLABELED	(CAS-No.) 75-09-2 (EC-No.) 200-838-9 (EC Index-No.) 602-004-00-3 (REACH-no) 01-2119480404-41	99.925	Xi; R36/37/38 Carc.Cat.3; R40 T; R48/25 R67 Xn; R21/22
N-NITROSODIMETHYLAMINE UNLABELED	(CAS-No.) 62-75-9 (unlabeled) (EC-No.) 200-549-8	0.075	Carc.Cat.1; R45 N; R51/53 T; R25 T; R48/25 T+; R26
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
METHYLENE CHLORIDE UNLABELED	(CAS-No.) 75-09-2 (EC-No.) 200-838-9 (EC Index-No.) 602-004-00-3 (REACH-no) 01-2119480404-41	99.925	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336 STOT SE 3, H335 STOT RE 2, H373
N-NITROSODIMETHYLAMINE UNLABELED	(CAS-No.) 62-75-9 (unlabeled) (EC-No.) 200-549-8	0.075	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Inhalation), H330 Carc. 1B, H350i STOT RE 1, H372 Aquatic Chronic 2, H411
Name	Product identifier	%	GHS-US classification
METHYLENE CHLORIDE UNLABELED	(CAS-No.) 75-09-2	99.925	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 3, H336 STOT SE 3, H335 STOT RE 2, H373

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of

dangerous area.

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

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Immediately call a poison center or doctor/physician. Specific measures (see Hazard First-aid measures after skin contact

pictograms (CLP) on this label). Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Wash with plenty of soap and water. Get medical

advice/attention. Specific treatment (see Hazard pictograms (CLP) on this label). : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. First-aid measures after ingestion

Most important symptoms and effects, both acute and delayed

Symptoms/effects : Causes damage to organs (brain, heart, liver, kidneys) (Inhalation, dermal, oral).

Symptoms/effects after inhalation : May cause respiratory irritation. May cause drowsiness or dizziness.

Symptoms/effects after skin contact Repeated exposure to this material can result in absorption through skin causing significant

health hazard. Harmful in contact with skin. Causes skin irritation.

: Swallowing a small quantity of this material will result in serious health hazard. Symptoms/effects after ingestion

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

No additional information available

First-aid measures after eve contact

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

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

Special hazards arising from the substance or mixture

No additional information available

Advice for firefighters

Firefighting instructions : Wear self contained breathing apparatus for fire fighting if necessary.

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Avoid breathing dust, mist or spray.

Environmental precautions

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

Methods and material for containment and cleaning up

: Soak up with inert absorbent material and dispose of as hazardous waste. Do not flush with For containment

water. Keep in suitable, closed containers for disposal.

Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been

read and understood. Use only outdoors or in a well-ventilated area. Avoid breathing dust, mist or spray.

Do not eat, drink or smoke when using this product. Wash Both hands thoroughly after Hygiene measures

7.2 Conditions for safe storage, including any incompatibilities

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

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

Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

N-NITROSODIMETHYL	AMINE UNI	ARELED 1	MC/MI	IN METHYLENE	CHI OPIDE
IN-INITIO O O DIINIE I II I L	AIVIINE UNL	.ADELEU I	IVIG/IVIL		CHLUKIDE

Italy - Portugal - USA ACGIH 50.0000000 ppm Basis: USA. ACGIH Threshold Limit ACGIH TWA (ppm) Values (TLV)

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N-NITROSODIMETHYLAMINE UNLABELED 1 MG/ML IN METHYLENE CHLORIDE			
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Central Nervous system impairment. Carboxyhemoglobinemia. Substances for which there is a Biological Exposure Index or Indices (see BEI section). Confirmed animal carcinogen with unknown relevance to humans. Potential Occupational Carcinogen See Appendix A.	
METHYLENE CHLORIDE UN	LABELED (75-09-2)		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	50.00000000 ppm Basis: USA. ACGIH Threshold Limit Values (TLV)	
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Central Nervous system impairment. Carboxyhemoglobinemia. Substances for which there is a Biological Exposure Index or Indices (see BEI section). Confirmed animal carcinogen with unknown relevance to humans. Potential Occupational Carcinogen See Appendix A.	
USA OSHA	OSHA PEL (STEL) (mg/m³)	435 mg/m³ Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107) see section 5202	
USA OSHA	OSHA PEL (STEL) (ppm)	125 ppm Basis: OSHA Specifially Regulated Chemicals/Carcinogens California permissible exposure limits for chemical contaminants (Title 8, Article 107) see section 5202	
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	87 mg/m³ Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107) see section 5202	
USA OSHA	OSHA PEL (Ceiling) (ppm)	25 ppm Basis: OSHA Specifically Regulated Chemicals/Carcinogens California permissible exposure limits for chemical contaminants (Title 8, Article 107) see section 5202	
USA OSHA	Remark (OSHA)	Substance listed; for mor information see OSHA document 1910.1052. See Table Z-2. This section applies to all occupational exposures to methylene chloride (MC). Chemical Abstracts Service Registry Number 75-09-2, in general industry, construction and shipyard employment. Methylene chloride (MC) means an organic compound with chemical formula CH2Cl2. Its Chemical Abstracts Service Registry Number is 75-09-2. Its molecular weight is 8.9 g/mole. OSHA Specifically regulated carcinogen.	

8.2. Exposure controls

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before

breaks and at the end of workday.

Personal protective equipment : Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.









Materials for protective clothing : Wear suitable protective clothing and gloves. Hand protection : Wear suitable protective clothing and gloves.

Eye protection : Wear safety glasses with side shields (or goggles) and a face shield.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is

recommended.

Environmental exposure controls : Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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

Physical state : Liquid

Appearance : Liquid.

Molecular mass : 84.93 g/mol

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Color : Colorless.

Odor : Sweet, penetrating, ether-like odor.

Odor threshold : No data available pH : No data available Relative evaporation rate (butyl acetate=1) : No data available

Relative evaporation rate (ether=1) : 0.71

Melting point : -97 °C (-143 °F)
Freezing point : No data available

Boiling point : 39.8 - 40 °C (103.6 - 104 °F)

Flash point : No data available

Auto-ignition temperature : 556.1 °C (1,033.0 °F); 622.0 °C (1,223.6 °F)

Decomposition temperature : No data available Flammability (solid, gas) : Not applicable

Vapor pressure : 470.9 hPa (353.2 mmHg) at 20 °C (68 °F)

Relative vapor density at 20 °C : 2.93 - (Air = 1.0)
Relative density : No data available

Specific gravity / density : 1.325 g/ml at 25 °C (77 °F) Solubility : Water: Slightly soluble

Log Pow : 1.25

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
Explosion limits : 12 - 19 % (V)

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.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

N-NITROSODIMETHYLAMINE UNLABELED 1 MG/ML IN METHYLENE CHLORIDE			
ATE CLP (oral)	500.000 mg/kg body weight		
ATE CLP (dermal)	1100.000 mg/kg body weight		
METHYLENE CHLORIDE UNLABELED (75-09-2)			
LD50 oral rat	> 2000 mg/kg		
LD50 dermal rat	> 2000 mg/kg (OECD Test Guideline 402)		
LC50 inhalation rat (mg/l)	52000 mg/m³		
ATE CLP (oral)	500.000 mg/kg body weight		
ATE CLP (dermal)	1100.000 mg/kg body weight		

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9-2)
52.000 mg/l/4h
52.000 mg/l/4h
62-75-9 (unlabeled))
37 mg/kg
78 ppm - 4 h
5.000 mg/kg body weight
10.000 ppmV/4h
0.050 mg/l/4h
0.005 mg/l/4h
: Causes skin irritation.
: Causes serious eye irritation.
: Not classified
: Not classified
: Suspected of causing cancer (in contact with skin, if inhaled, if swallowed).
: Not classified
: May cause drowsiness or dizziness. May cause respiratory irritation.
: May cause damage to organs (blood, brain, heart, liver, kidneys, pancreas) through prolonged or repeated exposure (in contact with skin, if inhaled, if swallowed).
: Not classified
: Harmful if swallowed. Harmful in contact with skin.
: May cause respiratory irritation. May cause drowsiness or dizziness.
: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Causes skin irritation.
: Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - soil

METHYLENE CHLORIDE UNLABELED (75-09-2)		
LC50 fish 1	193 mg/l Pimephales promelas (fathead minnow) - 96 h	
EC50 Daphnia 1	1682 mg/l Daphnia magna (Water flea) - 48 h	
NOEC (chronic)	130 mg/l Cyprinodon variegatus (sheepshead minnow) - 96 h	
N-NITROSODIMETHYLAMINE UNLABELED (62-75-9 (unlabeled))		
LC50 fish 1	832 - 1062 mg/l - Pimephales promelas (fathead minnow) - 96 h	
EC50 other aquatic organisms 1	4 mg/l Pseudokirchneriella subcapitata (green algae) - 96 h	

12.2. Persistence and degradability

Results of PBT and vPvB assessment

METHYLENE CHLORIDE UNLABELED (75-09-2)			
Biodegradation	< 26 % - Not readily biodegradable. (OECD Test Guideline 301C)		
N-NITROSODIMETHYLAMINE UNLABELED (62-75-9 (unlabeled))		
Persistence and degradability	May cause long-term adverse effects in the environment.		
12.3. Bioaccumulative potential			
N-NITROSODIMETHYLAMINE UNLABELED 1 MG/ML IN METHYLENE CHLORIDE			
Log Pow	1.25		
METHYLENE CHLORIDE UNLABELED (75-09-2)			
Log Pow	1.25		
Bioaccumulative potential	Does not accumulate in organisms.		
12.4. Mobility in soil			
METHYLENE CHLORIDE UNLABELED (75-09-2)			

Not available.

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METHYLENE CHLORIDE UNLABELED (75-09-2)

PBT: not relevant - no registration required

12.6. Other adverse effects

No additional information available

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 : Dispose of contents/container to Comply with applicable regulations.

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) : 1593 DOT NA no. UN1593

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Dichloromethane

Class (DOT) : 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132

Hazard labels (DOT) : 6.1 - Poison



Packing group (DOT) : III - Minor Danger

DOT Special Provisions (49 CFR 172.102) : IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite

(31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). 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, except for UN2672 (also see Special Provision IP8 in Table

2 for UN2672).

IP8 - Ammonia solutions may be transported in rigid or composite plastic IBCs (31H1, 31H2 and 31HZ1) that have successfully passed, without leakage or permanent deformation, the hydrostatic test specified in 178.814 of this subchapter at a test pressure that is not less than

1.5 times the vapor pressure of the contents at 55 C (131 F).
N36 - Aluminum or aluminum alloy construction materials are permitted only for halogenated hydrocarbons that will not react with aluminum.

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) : 153
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241

14.3. Additional information

Other information : No supplementary information available.

Overland transport

Packing group (ADR) : III

Class (ADR) : 6.1 - Toxic substances

Hazard identification number (Kemler No.) : 60
Classification code (ADR) : T1

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Hazard labels (ADR) : 6.1 - Toxic substances

6

Orange plates :

60 1593

Tunnel restriction code (ADR) : E
Limited quantities (ADR) 51
EAC : 2Z
Excepted quantities (ADR) : E1

Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

MFAG-No : 160

Air transport

DOT Quantity Limitations Passenger aircraft/rail : 60 L

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 220 L

CFR 175.75)

Civil Aeronautics Law : Toxic and infectious substances/Toxic substances

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

N-NITROSODIMETHYLAMINE UNLABELED 1 MG/ML IN METHYLENE CHLORIDE		
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	Immediate (acute) health hazard Delayed (chronic) health hazard	
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313	

METHYLENE CHLORIDE UNLABELED (75-09-2)		
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	Immediate (acute) health hazard Delayed (chronic) health hazard	
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313	

15.2. International regulations

CANADA

N-NITROSODIMETHYLAMINE UNLABELED 1 MG/ML IN METHYLENE CHLORIDE
Listed on the Canadian DSL (Domestic Substances List)

15.2.1. National regulations

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15.3. US State regulations

N-NITROSODIMETHYLAMINE UNLABELED 1 MG/ML IN METHYLENE CHLORIDE()		
U.S California - Proposition 65 - Carcinogens List	Yes	
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 Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List	

METHYLENE CHLORIDE UNLABELED (75-09-2)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	
Yes	No	No	No		

METHYLENE CHLORIDE UNLABELED (75-09-2)

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

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 toxicity (inhalation) Category 1 Acute toxicity (oral) Category 2
Acute Lox. 2 (Oral)	
	, , , , , , , , , , , , , , , , , , , ,
,	Acute toxicity (dermal) Category 4
	Acute toxicity (oral) Category 4
	Hazardous to the aquatic environment - Chronic Hazard Category 2
Carc. 1B	Carcinogenicity (inhalation) Category 1B
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H300	Fatal if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350i	May cause cancer by inhalation.
H351	Suspected of causing cancer
	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
R21/22	Harmful in contact with skin and if swallowed
R25	Toxic if swallowed
R26	Very toxic by inhalation

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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

R36/37/38	Irritating to eyes, respiratory system and skin
R36/38	Irritating to eyes and skin
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R40	Limited evidence of a carcinogenic effect
R45	May cause cancer
R48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R67	Vapors may cause drowsiness and dizziness
N	Dangerous for the environment
Т	Toxic
T+	Very toxic
Xi	Irritant
Xn	Harmful

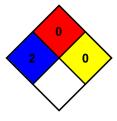
NFPA health hazard : 2 - Materials that, under emergency conditions, can cause

temporary incapacitation or residual injury.

: 0 - Materials that will not burn under typical fire conditions, NFPA fire hazard including intrinsically noncombustible materials such as concrete, stone, and sand.

: 0 - Material that in themselves are normally stable, even NFPA reactivity

under fire conditions.



Hazard Rating

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

Flammability : 0 Minimal 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

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