

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: 30/08/2016 :

Revision date:

Version: 1.0

DLM-7779-S

SECTION 1: Ide	ntification of the <u>sub</u>	ostance/mixture and of the company/undertaking
1.1. Product id		
Product form		: Mixture
Product name		: N-NITRODIMETHYLAMINE (DIMETHYL-D6, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2
Product code		: DLM-7779-S
1.2. Relevant i	dentified uses of the subs	stance or mixture and uses advised against
1.2.1. Relevant i	dentified uses	
Main use category		: Professional use
Industrial/Professiona	al use spec	: For professional use only.
	sed against	
No additional informa		
	the supplier of the safety	data sheet
Cambridge Isotope L 50 Frontage Road Andover, MA 01810 USA	aboratories, Inc.	
	4 Int: 1-978-749-8000 www.isotope.com	
Emergenc	y telephone number	
Emergency numbers	:	
Chemtrec: 1-800-424 International: 1-703-	4-9300 (24 hours) 741-5970 (24 hours)	
SECTION 2: Haz	ards identification	
2.1. Classificat	ion of the substance or n	nixture
Classification accor	ding to Regulation (EC)	No. 1272/2008 [CLP]
Acute Tox. 4 (Oral)	H302	
Acute Tox. 4 (Derma		
Skin Irrit. 2	, H315	
Eye Irrit. 2	H319	
Carc. 2	H351	
STOT SE 3	H335	
STOT SE 3	H336	
STOT RE 2	H373	
Full text of H-phrases	: see section 16	
Classification accor	ding to Directive 67/548/	EEC [DSD] or 1999/45/EC [DPD]
Carc.Cat.3; R40 T; R39/23/24/25 Xn; R22 Xi; R36/38		
Full text of R-phrases	: see section 16	
Classification (GHS	-US)	
Acute Tox. 4 (Oral)	H302	
Acute Tox. 4 (Derma		
Skin Irrit. 2 Eye Irrit. 2A	H315 H319	
Carc. 2	H351	

STOT SE 3

STOT SE 3

STOT RE 2

H335

H336

H373

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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.

2.2. Label elements	
Labeling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	
Signal word (CLP)	GHS08 GHS07 : Warning
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, central nervous system, eyes, heart, kidneys, liver pancreas) through prolonged or repeated exposure (in contact with skin, if inhaled, if swallowed)
Precautionary statements (CLP)	 P260 - Do not breathe fume, 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
GHS-US labeling	
Hazard pictograms (GHS-US)	CHS08 CHS07
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, central nervous system, eyes, heart, kidneys, liver pancreas) through prolonged or repeated exposure (Dermal, Inhalation, oral)
Precautionary statements (GHS-US)	 P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P260 - Do not breathe fume, mist, spray, vapors P261 - Avoid breathing fume, 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/physician if you feel unwell P302+P352 - IF ON SKIN: Wash with plenty of soap and water 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 P308+P313 - IF exposed or concerned: Get medical advice/attention P312 - Call a POISON CENTER or doctor/physician if you feel unwell P314 - Get medical advice and attention if you feel unwell P314 - Get medical advice and pictograms (CLP) on this label) P330 - If swallowed, rinse mouth P332+P313 - If skin irritation occurs: Get medical advice/attention

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P337+P313 - If eye irritation persists: Get medical advice/attention P362 - Take off contaminated clothing and wash it 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. Substance

Not applicable

3.2. Mixture

S.Z. MIXIUIE			
Name	Product identifier	%	Classification according to Directive 67/548/EEC
METHYLENE CHLORIDE-D2 "100%" (D, 99.96%)	(CAS No) 1665-00-5 (EC no) 216-776-0 (EC index no) 602-004-00-3	99.927	Carc.Cat.3; R40 T; R39/23/24/25 Xn; R22 Xi; R36/38
N-NITRODIMETHYLAMINE (DIMETHYL-D6, 98%)	(CAS No) 4164-28-7 (Unlabeled) (EC no) (EC index no)	0.073	T; R25 Carc.Cat.1; R45
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
METHYLENE CHLORIDE-D2 "100%" (D, 99.96%)	(CAS No) 1665-00-5 (EC no) 216-776-0 (EC index no) 602-004-00-3	99.927	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336 STOT SE 3, H335 STOT RE 2, H373
N-NITRODIMETHYLAMINE (DIMETHYL-D6, 98%)	(CAS No) 4164-28-7 (Unlabeled) (EC no) (EC index no)	0.073	Acute Tox. 3 (Oral), H301 Carc. 1A, H350
Name	Product identifier	%	Classification (GHS-US)
METHYLENE CHLORIDE-D2 "100%" (D, 99.96%)	(CAS No) 1665-00-5	99.927	Acute Tox. 4 (Oral), H302 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	: Call a POISON CENTER or doctor/physician.
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.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with wate for several minutes.
First-aid measures after ingestion	: Rinse mouth. Obtain emergency medical attention. Immediately call a poison center or doctor/physician.
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	 Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin. Causes skin irritation.
Symptoms/injuries after eye contact	: Causes eye irritation.
Symptoms/injuries after ingestion	: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

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4.3. Indication of any immediate medical attention and special treatment needed No additional information available 51. Extinguishing media Stabilise adriguishing media Stabilise					
SECTION 5: Firefighting media 5.1 Extinguishing media Stubles extinguishing media : Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. 5.2 Special hazards arising from the substance or miniture Prehazard : Highly finamable liquid and vapor. Explosin hazard : Way form iteraneous events. 7.3 Advice for firefighters Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidential release measures : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking. 6.1.1 For energency personnel : Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Execute personal to safe area. 6.2.2 Environmental precautions : Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. 6.3.4 Methods and material for continneet and cleaning up : Or energency responders Na additional information available : Sak up with intert absorbert material and dispose of as hazardous waste. Keep in suitable, cleased contianers for disposal. 6.4.7 Reference to other sections : No naked lights. No smoking. Use only no spacing loos. Othan special instructions before threads and the end of workday. <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td>ttention and special treatment neede</td> <td>d</td>	· · · · · · · · · · · · · · · · · · ·		ttention and special treatment neede	d	
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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. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-welliated area. Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. 7.2. Conditions for safe storage, including any incompatibilities Technical measures Erchnical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Storage conditions : Store at room temperature away from light and moisture. Incompatible materials : Heat sources. 7.3. Specific end use(s) Not additional information available SECTION 8: Exposure controls/personal protection S0.0000000000 ppm Central Nervous System impairment, Carboxyhemoglobinemia substances (see BE) Italy - Portugal	6.2. Environmental preca	autions			
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USA OSHA OSHA PEL (STEL) (ppm) 125.00000000 ppm				50.00000000 ppm Control Norveus Svistom	
		ACGIN I WA (ppr	117	impairment, Carboxyhemoglobinemia substances (see	
31/08/2016 EN (English US) 4/10	USA OSHA	OSHA PEL (STE	L) (ppm)	125.000000000 ppm	
	31/08/2016		EN (English US)	4/10	

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8.2. **Exposure controls** : Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus. Personal protective equipment 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. **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 compo	onent of this mixture.
Physical state	: Liquid
Appearance	: Liquid.
Molecular mass	: 86.94 g/mol (Labeled)
Color	: Colourless.
Odor	: Sweet, penetrating, ether-like odor.
Odor threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: -97 °C (-143 °F)
Freezing point	: No data available
Boiling point	: 39.8 - 40 °C (103.6 - 104 °F)
Flash point	: 39 - 40 °C
Auto-ignition temperature	: 556.1 °C (1,033.0 °F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: 470.9 hPa (353.2 mmHg) at 20.0 °C (68.0 °F)
Relative vapor density at 20 °C	: 2.93 - (Air = 1.0)
Relative density	: No data available
Specific gravity / density	: 1.362 g/ml at 25 °C (77 °F) (Labeled)
Solubility	: Water: Slightly soluble
Log Pow	: No data available
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	: 12 - 19 % (V)

9.2. Other information

No additional information available	No	additional	information	available
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SECT	ION 10: Stability and reactivity
10.1.	Reactivity
Vapor is	s explosive with air above.
10.2.	Chemical stability
See sto	rage and expiration date on CoA.
10.3.	Possibility of hazardous reactions
No addi	tional information available
10.4.	Conditions to avoid
Open fla	ame. Direct sunlight.

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10.5. Incompatible materials

Alkali metals, Aluminum, Strong oxidizing agents, Bases, Amines, Magnesium. Strong acids and strong bases, Vinyl compounds.

10.6. Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

N-NITRODIMETHYLAMINE (DIMETHYL-D6, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2		
LD50 oral rat	1600 mg/kg	
LC50 inhalation rat (mg/l)	52000 mg/m ³	
ATE CLP (oral)	1600.000 mg/kg body weight	
ATE CLP (dermal)	1100.000 mg/kg body weight	
ATE CLP (vapors)	52.000 mg/l/4h	
ATE CLP (dust, mist)	52.000 mg/l/4h	
N-NITRODIMETHYLAMINE (DIMETHYL-D6, 98	%) (4164-28-7 (Unlabeled))	
ATE CLP (oral)	100.000 mg/kg body weight	
	LD50 - Intraperitoneal - Rat - 897 mg/kg; LD50 - Intraperitoneal - Mouse - 399 mg/kg	

METHYLENE CHLORIDE-D2 "100%" (D, 99.5	96%	6) (1665-00-5)
LC50 inhalation rat (mg/l)		52000 mg/m ³
ATE CLP (oral)		500.000 mg/kg body weight
Skin corrosion/irritation	:	Causes skin irritation.
		Skin - rabbit - Skin irritation - 24 h - Draize Test
Serious eye damage/irritation	:	Causes serious eye irritation.
5		Eyes - rabbit - Mild eye irritation - 24 h - Draize Test
Respiratory or skin sensitization	:	Not available
		No data available
Germ cell mutagenicity	:	Genotoxicity in vivo - rat - Oral : DNA damage
Carcinogenicity	:	Suspected of causing cancer (in contact with skin, if inhaled, if swallowed).
Reproductive toxicity	:	Not available
Specific target organ toxicity (single exposure)	:	May cause respiratory irritation. May cause drowsiness or dizziness.
		May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	:	May cause damage to organs (blood, central nervous system, eyes, heart, kidneys, liver, pancreas) through prolonged or repeated exposure (in contact with skin, if inhaled, if swallowed). Inhalation/Oral - May cause damage to organs through repeated exposure.
Aspiration hazard	:	Not classified
Potential Adverse human health effects and symptoms	:	Toxic if swallowed. Toxic in contact with skin.
IARC group	:	2B
Symptoms/injuries after inhalation	:	May cause respiratory irritation.
Symptoms/injuries after skin contact	:	Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin. Causes skin irritation.
Symptoms/injuries after eye contact	:	Causes eye irritation.
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	
N-NITRODIMETHYLAMINE (DIMETHYL-D6, 9	8%) 1MG/ML IN METHYLENE CHLORIDE-D2
LC50 fish 1	193.00 mg/l Pimephales promelas (fathead minnow) - 96 h
EC50 Daphnia 1	1682.00 mg/l Daphnia magna (Water flea) - 48 h
NOEC (chronic)	130 mg/l Cyprinodon variegatus (sheepshead minnow) - 96 h
METHYLENE CHLORIDE-D2 "100%" (D, 99.9	6%) (1665-00-5)
LC50 fish 1	193.00 mg/l Pimephales promelas (fathead minnow) - 96 h

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	ding to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
METHYLENE CHLORIDE-D2 "100%" (D, 99	
EC50 Daphnia 1	1682.00 mg/l Daphnia magna (Water flea) - 48 h -
NOEC (chronic)	130 mg/l Cyprinodon variegatus (sheepshead minnow) - 96 h
12.2. Persistence and degradability	
N-NITRODIMETHYLAMINE (DIMETHYL-D6	5, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2
Persistence and degradability	Result: < 30.0 % - Not readily biodegradable.
METHYLENE CHLORIDE-D2 "100%" (D, 99	9.96%) (1665-00-5)
Persistence and degradability	Result: < 30.0 % - Not readily biodegradable.
12.3. Bioaccumulative potential	
N-NITRODIMETHYLAMINE (DIMETHYL-D6	6, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2
Bioaccumulative potential	Not available.
METHYLENE CHLORIDE-D2 "100%" (D, 99	9.96%) (1665-00-5)
Bioaccumulative potential	Not available.
12.4. Mobility in soil	
N-NITRODIMETHYLAMINE (DIMETHYL-D6	6, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2
Ecology - soil	Not available.
METHYLENE CHLORIDE-D2 "100%" (D, 99	9.96%) (1665-00-5)
Ecology - soil	Not available.
12.5. Results of PBT and vPvB assessn	nent
No additional information available	
12.6. Other adverse effects	
Other adverse effects	: Not available.
SECTION 13: Disposal consideration	ons
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.
SECTION 14: Transport information	n
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
Transport hazard class(es) (DOT)	: 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132
Hazard labels (DOT)	: 6.1 - Poison inhalation hazard
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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
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
Marine pollutant	: No
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
Hazard labels (ADR)	: 6.1 - Toxic substances
Orange plates	60 1593
Tunnel restriction code	: E
Limited quantities (ADR)	51
EAC	: 2Z
Excepted quantities (ADR)	: E1
Transport by sea	
Transport by sea	· A The meterial may be stawed "an dealy" or "under dealy" or a server user of an a
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	
Air transport DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
14.4. Environmental hazards	
Other information	: No supplementary information available.

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

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-NITRODIMETHYLAMINE (DIMETHYL-D6, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2				
Listed on SARA Section 313 (Specific toxic chemical listings)				
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard			
METHYLENE CHLORIDE-D2 "100%" (D, 99.96%) (1665-00-5)				
Listed on SARA Section 313 (Specific toxic chemical listings)				
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard			

15.2. International regulations

CANADA

N-NITRODIMETHYLAMINE (DIMETHYL-D6, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
METHYLENE CHLORIDE-D2 "100%" (D, 99.96%) (1665-00-5)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	

15.2.1. National regulations

No additional information available

15.3. US State regulations			
N-NITRODIMETHYLAMINE (DIMETHYL-D6, 98%) 1MG/ML IN METHYLENE CHLORIDE-D2()			
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 WARNING! This product contains a chemical known by the state of California to cause cancer.		

METHYLENE CHLORIDE-D2 "100%" (D, 99.96%) (1665-00-5)

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

WARNING! This product contains a chemical known by the state of California to cause cancer.

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.

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

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Carc. 1A	Carcinogenicity Category 1A
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 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
H301	Toxic if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
R22	Harmful if swallowed
R25	Toxic if swallowed
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 swallow
R40	Limited evidence of a carcinogenic effect
R45	May cause cancer
Т	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	: 0 - Materials that will not burn.	
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 occ	cur
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