

SAFETY DATA SHEET

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

1.1. Product identifier

Product Name ICDMA1

Synonyms 1000 µg/mL: DMA

Substance/mixture Mixture

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

Recommended use Laboratory chemicals

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Company

Inorganic Ventures
300 Technology Drive
Christiansburg, VA 24073
Phone: 1(800) 669-6799
Email: info@inorganicventures.com

1.4. Emergency telephone number

Chemtrec 1-800-424-9300 (North America)

Chemtrec +1 703-741-5970 (International)

Europe	See above
--------	-----------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

GHS

2.2. Label elements

Product identifier

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Signal word

None

Hazard statements

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2. Mixtures

Chemical name	EC No. (Index No.)	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Dimethylamine	204-697-4 (612-001-00-9) (612-001-01-6)	124-40-3	0.1	Acute Tox. 4 (H332) Acute Tox. 4 (H302) Skin Irrit. 1B (H314) Flam. Liq. 1 (H224)	No data available

Full text of H- and EUH-phrases: see section 16**SECTION 4: First aid measures****4.1. Description of first aid measures**

Inhalation	Remove to fresh air.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

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

Most Important Symptoms and Effects	Asthma-like and/ or skin allergy-like symptoms.
-------------------------------------	---

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

Notes to Physician	Treat symptomatically
--------------------	-----------------------

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation.

Advice for emergency responders

Ensure adequate ventilation.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union (Directives 98/24/EC and 2004/37/EC)	United Kingdom	France (INRS ED 6443)	Spain (Occupational exposure limits for chemical agents in Spain, 2025)	Germany (DFG)
Dimethylamine 124-40-3	TWA: 2 ppm; TWA: 3.8 mg/m ³ ; STEL: 5 ppm; STEL: 9.4 mg/m ³ ;	TWA: 2 ppm; TWA: 3.8 mg/m ³ ; STEL: 6 ppm; STEL: 11 mg/m ³ ;	TWA-VME (restrictif): 1 ppm; TWA-VME (restrictif): 1.9 mg/m ³ ; STEL-VLCT (restrictif): 2 ppm;	TWA-(VLA-ED): 2 ppm; TWA-(VLA-ED): 3.8 mg/m ³ ; STEL (VLA-EC): 5 ppm; STEL (VLA-EC): 9.4	TWA-MAK: 2 ppm; I(2); TWA-MAK: 3.7 mg/m ³ ; I(2);

			STEL-VLCT (restrictif): 3.8 mg/m³;	mg/m³;		
Chemical name	Italy (Legislative Decree no. 81)	Portugal (NP 1796:2014)	Netherlands (Working Conditions Regulations)	Finland (HTP-ARVOT 2025)	Denmark (BEK no. 1619 of 19/12/2024)	
Dimethylamine 124-40-3	TWA: 2 ppm; TWA: 3.8 mg/m³; STEL: 5 ppm; STEL: 9.4 mg/m³;	TWA (VLE-MP): 2 ppm; TWA (VLE-MP): 3.8 mg/m³; STEL (VLE-CD): 5 ppm; STEL (VLE-CD): 9.4 mg/m³; DS	TWA: 0.95 ppm; TWA: 1.8 mg/m³;	TWA: 2 ppm; TWA: 3.7 mg/m³; STEL: 5 ppm; STEL: 9.4 mg/m³;	TWA: 2 ppm; TWA: 3.8 mg/m³; STEL: 9.4 mg/m³; STEL: 5 ppm;	
Chemical name	Sweden	Austria (GKV BGBl. II Nr. 330/2024)	Switzerland (MAK Values)	Poland (Legislative Journal 2018 item 1286)	Norway (FOR-2011-12-06-1358)	Ireland (CoP 2024)
Dimethylamine 124-40-3	LLV: 2 ppm LLV: 3.5 mg/m³ Binding STLV: 5 ppm Binding STLV: 9 mg/m³	TWA-TMW: 2 ppm; TWA-TMW: 3.8 mg/m³; STEL-KZGW: 2 ppm (); STEL-KZGW: 3.8 mg/m³ (); Ceiling: 2 ppm; Ceiling: 3.8 mg/m³;	TWA-MAK: 2 ppm; TWA-MAK: 4 mg/m³; STEL-KZGW: 4 ppm; STEL-KZGW: 8 mg/m³;	TWA-NDS: 3 mg/m³; STEL-NDSch: 9 mg/m³; Sk	TWA: 2 ppm; TWA: 4 mg/m³; STEL: 4 ppm (value calculated); STEL: 8 mg/m³ (value calculated);	TWA: 2 ppm; TWA: 3.8 mg/m³; STEL: 5 ppm; STEL: 9.4 mg/m³;

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC)

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles).

Hand Protection

Impervious gloves.

Skin and Body Protection

Long sleeved clothing.

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Environmental Exposure Controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Appearance

clear /colorless

Odor

Odorless

pH - VALUE 1

No data available

Melting Point/Range

No data available

Initial boiling point and boiling range

100 °C / 212 °F

Vapor pressure @20 °C (kPa)

No data available

Relative vapor density

No data available

Relative density

No data available

Specific gravity - VALUE 1

No data available

Water solubility

Miscible

Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Dynamic viscosity - VALUE 1	No data available
Explosive properties	No information available
Oxidizing Properties	No information available
VOC content	No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Hazardous polymerization

None under normal processing.

Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Bases Cyanides

10.6. Hazardous decomposition products

Hydrogen chloride.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.

Eye Contact No data available.

Skin Contact No data available.

Ingestion No data available.

mg/l

Unknown acute toxicity

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenic effects No information available.

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

SECTION 12: Ecological information

12.1. Toxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Dimethylamine	EC50: =9mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 111 - 125mg/L (96h, Oncorhynchus mykiss) LC50: =120mg/L (96h, Oncorhynchus mykiss) LC50: =210mg/L (96h, Poecilia reticulata) LC50: 127 - 349mg/L (96h, Poecilia reticulata) LC50: =396mg/L (96h, Brachydanio rerio)	EC50: =88.7mg/L (48h, Daphnia magna Straus)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical name	Partition coefficient
Dimethylamine	-0.274

12.4. Mobility in soil**Mobility in soil**

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

Chemical name	PBT and vPvB assessment
Dimethylamine	Not PBT/vPvB

12.6. Other adverse effects**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste from Residues/Unused Products**

Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging

Do not reuse empty containers.

Other information

Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information**IMDG**

14.1. UN-No	Not regulated
14.2. Proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
Description	Not applicable
14.5. Marine Pollutant	None
14.6. Special Provisions	None
No information available Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

14.1. UN-No	Not regulated
14.2. Proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
Description	Not applicable
14.5. Environmental hazards	None
14.6. Special Provisions	None

ADR

14.1. UN-No	Not regulated
14.2. Proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
Description	Not applicable
14.5. Environmental hazards	None
14.6. Special Provisions	None

ICAO

14.1. UN-No	Not regulated
14.2. Proper Shipping Name	Not regulated
14.3. Hazard Class	Not regulated
14.4. Packing Group	Not regulated
Description	Not applicable
14.5. Environmental hazards	None
14.6. Special Provisions	None

IATA-DGR

14.1. UN-No	Not regulated
14.2. Proper shipping name	Not regulated
14.3.	
14.4. Packing group	Not regulated
Description	Not applicable
14.5. Environmental hazards	None
14.6. Special Provisions	None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Occupational Illnesses (R-463-3, France)****Germany****TA Luft (German Air Pollution Control Regulation)****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

All of the components in the product are on the following Inventory lists: U.S.A. (TSCA), Europe (EINECS/ELINCS/NLP), Canada (DSL/NDSL), Philippines (PICCS), Japan (ENCS), China (IECSC), Australia (AICS), Korea (ECL).

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AIIC	Complies
KECL	Complies

Legend

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

No information available

Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H224 - Extremely flammable liquid and vapor
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H332 - Harmful if inhaled

Revision date 09-Sep-2026

Reason for Revision Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet