

# Safety Data Sheet

## TDA 90% Vicinal

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### 1. Identification

#### Product identifier used on the label

## TDA 90% Vicinal

#### Recommended use of the chemical and restriction on use

Recommended use\*: Chemical, Raw material  
Recommended use\*: Intermediate  
Unsuitable for use: Uses other than recommended

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

Company:  
BASF Canada Inc.  
5025 Creekbank Road  
Building A, Floor 2  
Mississauga, ON, L4W 0B6, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

Molecular formula: C7 H10 N2  
Chemical family: Preparation based on: amines, aromatic

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### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Classification of the product

Acute Tox.	4 (Inhalation - dust)	Acute toxicity
Acute Tox.	3 (Inhalation - vapour)	Acute toxicity

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Acute Tox.	3 (oral)	Acute toxicity
Acute Tox.	4 (dermal)	Acute toxicity
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
Skin Sens.	1	Skin sensitization
Muta.	2	Germ cell mutagenicity
Carc.	1B	Carcinogenicity
Repr.	2 (fertility)	Reproductive toxicity
STOT RE	2	Specific target organ toxicity — repeated exposure
Aquatic Acute	2	Hazardous to the aquatic environment - acute
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic

### Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility.
H350	May cause cancer.
H341	Suspected of causing genetic defects.
H301 + H331	Toxic if swallowed or if inhaled.
H312 + H332	Harmful in contact with skin or if inhaled.
H373	May cause damage to organs (Liver, Testes) through prolonged or repeated exposure.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P260	Do not breathe dust or mist or vapour.
P273	Avoid release to the environment.
P280	Wear eye protection.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash contaminated body parts thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

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P311	Call a POISON CENTER or physician.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or physician.
P308 + P313	IF exposed or concerned: Get medical attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P337 + P313	If eye irritation persists: Get medical attention.
P330	Rinse mouth.
P361 + P364	Take off immediately all contaminated clothing and wash it before reuse.
P391	Collect spillage.

#### Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

#### Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.
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### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

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## 3. Composition / Information on Ingredients

### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

4-methyl-o-phenylene diamine

CAS Number: 496-72-0  
Content (W/W):  $\geq 50.0$  -  $< 75.0\%$   
Synonym: Toluene-3,4-diamine

toluene-2,3-diamine

CAS Number: 2687-25-4  
Content (W/W):  $\geq 25.0$  -  $< 50.0\%$   
Synonym: 3-Methyl-1,2-benzenediamine; Toluene-2,3-diamine

4-methyl-m-phenylene diamine

CAS Number: 95-80-7  
Content (W/W):  $> 0.0$  -  $< 5.0\%$   
Synonym: 2,4-Toluoldiamin

2-methyl-m-phenylene diamine

CAS Number: 823-40-5  
Content (W/W):  $> 0.0$  -  $< 5.0\%$   
Synonym: 2-Methyl-1,3-benzenediamine

Benzenamine, ar-methyl-

CAS Number: 26915-12-8  
Content (W/W):  $\geq 3.0$  -  $< 5.0\%$   
Synonym: No data available.

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- 1,4-Benzenediamine, 2-methyl-  
CAS Number: 95-70-5  
Content (W/W): > 0.0 - < 3.0%  
Synonym: 2-Methyl-1,4-benzenediamine; 2-Methyl-p-phenylenediamine
- 1,3-Benzenediamine  
CAS Number: 108-45-2  
Content (W/W):  $\geq 0.1$  - < 1.0%  
Synonym: 1,3-Benzenediamine; m-Phenylenediamine

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### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Immediately remove contaminated clothing. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). If not breathing, give artificial respiration. First aid personnel should pay attention to their own safety.

##### If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

##### If on skin:

Wash affected areas thoroughly with soap and water. Skin contact with hot molten substance/product may cause thermal burns. Immediate medical attention required.

##### If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Remove contact lenses, if present. Immediate medical attention required.

##### If swallowed:

Rinse mouth and then drink 200-300 ml of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

#### Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., Eye irritation, Skin contact may provoke the following symptoms:, allergic symptoms

*Information on: 4-methyl-o-phenylene diamine*

*Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, allergic contact dermatitis, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: toluene-2,3-diamine*

*Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, allergic contact dermatitis, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: 4-methyl-m-phenylene diamine*

*Symptoms: Overexposure may cause:, allergic contact dermatitis, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

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*Information on: 2-methyl-m-phenylene diamine*

*Symptoms: Overexposure may cause: allergic contact dermatitis, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: Benzenamine, ar-methyl-*

*Symptoms: Overexposure may cause: Eye irritation, skin irritation, erythema, allergic contact dermatitis, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: 1,4-Benzenediamine, 2-methyl-*

*Information on: 1,3-Benzenediamine*

*Symptoms: Overexposure may cause: vomiting, cyanosis, methaemoglobinaemia, swelling of tissues, dyspnea, respiratory arrest*

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Hazards: Symptoms can appear later.

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

Suitable extinguishing media:  
water spray, foam, carbon dioxide

Unsuitable extinguishing media for safety reasons:  
water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
carbon monoxide, carbon dioxide, nitrogen oxides  
The substances/groups of substances mentioned can be released in case of fire.

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Wear self-contained breathing apparatus and chemical-protective clothing.

### Further information:

Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Breathing protection required. Avoid contact with the skin, eyes and clothing.

### Environmental precautions

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Do not empty into drains. Do not discharge into the subsoil/soil.

### Methods and material for containment and cleaning up

For small amounts: Vacuum up spilled product. Dispose of contaminated material as prescribed.  
For large amounts: Vacuum up spilled product. Dispose of contaminated material as prescribed.  
Avoid raising dust.

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## 7. Handling and Storage

### Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Refill and handle product only in closed system.

Avoid contact with skin and eyes. Avoid inhalation of dusts/mists/vapours. Wear suitable gloves and eye/face protection. When using do not eat, drink or smoke. Protect against moisture.

Protection against fire and explosion:  
No special precautions necessary.

### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds. Segregate from acids.

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate), glass, Galvanized carbon steel (Zinc), Stainless steel 1.4301 (V2), Stainless steel 1.4401, Stove-lacquer Valspar HXC0001

Unsuitable materials for containers: Low density polyethylene (LDPE), Paper/Fibreboard, High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed.

Storage stability:  
Protect against moisture.

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## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

1,3-Benzenediamine	ACGIH, US:	TWA value 0.1 mg/m <sup>3</sup> ;
Benzenamine, ar-methyl-	OSHA Z1:	Skin Designation ; The substance can be absorbed through the skin.
	OSHA Z1:	PEL 5 ppm 19 mg/m <sup>3</sup> ;

### Advice on system design:

Provide local exhaust ventilation to control dusts/mists.

### Personal protective equipment

#### Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed. Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination.

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### Hand protection:

Chemical resistant protective gloves, Suitable materials, butyl rubber, polyvinylchloride (PVC) - 0.7 mm coating thickness, Protective glove selection must be based on the user's assessment of the workplace hazards., Manufacturer's directions for use should be observed because of great diversity of types.

### Eye protection:

Tightly fitting safety goggles (chemical goggles).

### Body protection:

Standard work clothes and shoes., Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

### General safety and hygiene measures:

Avoid contact with skin. Avoid contact with eyes. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing. Wash soiled clothing immediately. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied.

## 9. Physical and Chemical Properties

Form:	semi-solid	
Odour:	ammonia-like, faint odour	
Odour threshold:	not applicable	
Colour:	violet	
pH value:	> 7	
Melting point:	< 100 °C ( 760 mmHg)	
Freezing point:	No data available.	
Boiling point:	< 285 °C ( 760 mmHg)	
Sublimation point:	No applicable information available.	
Flash point:	> 110 °C	
Flammability:	not flammable	(derived from flash - and boiling point)
Lower explosion limit:	For solids not relevant for classification and labelling.	
Upper explosion limit:	For solids not relevant for classification and labelling.	
Autoignition:	> 360 °C	
Vapour pressure:	2.23 mmHg ( 100 °C)	
Density:	approx. 1.1 g/cm <sup>3</sup> ( 25 °C)	
Relative density:	No applicable information available.	
Bulk density:	8.64 lb/USg ( 20 °C)	
Vapour density:	not applicable	
Partitioning coefficient n- octanol/water (log Pow):	not applicable	
Thermal decomposition:	No decomposition if correctly stored and handled.	
Viscosity, dynamic:	5 mPa.s ( 25 °C)	
Viscosity, kinematic:	No applicable information available.	

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Solubility in water:	( 20 °C) of low solubility
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Molar mass:	No data available.
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

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### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:  
not fire-propagating

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

Evolution of heat under influence of acids.

#### Conditions to avoid

Temperature: < 0 degrees Celsius

#### Incompatible materials

oxidizing agents, acids

#### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon monoxide, ammonia, hydrogen cyanide, nitrogen oxides

Thermal decomposition:

No decomposition if correctly stored and handled.

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### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Of moderate toxicity after short-term inhalation. Of high toxicity after single ingestion. Of pronounced toxicity after short-term skin contact.



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### Oral

Type of value: LD50  
Species: rat  
Value: 150 mg/kg

### Inhalation

Type of value: LC50  
Species: rat  
Value: 181 ppm  
Exposure time: 4 h

### Dermal

Type of value: LD50  
Species: rat  
Value: 463 mg/kg

### Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation. Not expected to be a skin irritant.

*Information on: 4-methyl-o-phenylene diamine*

*Information on: toluene-2,3-diamine*

*Assessment of irritating effects: Not irritating to eyes and skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: 4-methyl-m-phenylene diamine*

*Assessment of irritating effects: Not irritating to eyes and skin.*

*Information on: 2-methyl-m-phenylene diamine*

*Information on: Benzenamine, ar-methyl-*

*Assessment of irritating effects: Eye contact causes irritation. Not irritating to the skin. The product has not been tested. The statement has been derived from the properties of the individual components.*

*Information on: 1,4-Benzenediamine, 2-methyl-*

*Assessment of irritating effects: Not irritating to the skin. Eye contact causes irritation.*

*Information on: 1,3-Benzenediamine*

*Assessment of irritating effects: Not irritating to the skin. Eye contact causes irritation.*

### Eye

Result: Irritant.  
Method: BASF-Test

### Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

*Information on: 4-methyl-o-phenylene diamine*

*Information on: toluene-2,3-diamine*

*Assessment of sensitization:*

*Sensitization after skin contact possible. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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*Information on: 4-methyl-m-phenylene diamine*  
*Assessment of sensitization:*  
*Sensitization after skin contact possible.*

*Information on: 2-methyl-m-phenylene diamine*

*Information on: Benzenamine, ar-methyl-*  
*Assessment of sensitization:*  
*Sensitization after skin contact possible.*

*Information on: 1,4-Benzenediamine, 2-methyl-*  
*Assessment of sensitization:*  
*Sensitization after skin contact possible.*

*Information on: 1,3-Benzenediamine*  
*Assessment of sensitization:*  
*Sensitization after skin contact possible.*

-----  
sensitizing effect in animal tests

### Aspiration Hazard

No aspiration hazard expected.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.

*Information on: 1,3-Benzenediamine, ar-methyl-*  
*Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion. The substance may cause damage to the testes after repeated ingestion.*

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*Information on: 4-methyl-o-phenylene diamine*

*Information on: toluene-2,3-diamine*  
*Assessment of repeated dose toxicity: Repeated exposure may affect certain organs. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: 4-methyl-m-phenylene diamine*  
*Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.*

*Information on: 2-methyl-m-phenylene diamine*

*Information on: Benzenamine, ar-methyl-*  
*Assessment of repeated dose toxicity: Repeated exposure may affect certain organs. The product has not been tested. The statement has been derived from the properties of the individual components.*

*Information on: 1,4-Benzenediamine, 2-methyl-*  
*Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.*

*Information on: 1,3-Benzenediamine*

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*Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion. The substance may cause damage to the kidney after repeated ingestion. Based on available data, the classification criteria are not met.*

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### Genetic toxicity

Assessment of mutagenicity: Mutagenic properties can not be excluded on the basis of experimental data.

*Information on: 4-methyl-o-phenylene diamine*

*Information on: toluene-2,3-diamine*

*Assessment of mutagenicity: Mutagenic properties can not be excluded on the basis of experimental data. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: 4-methyl-m-phenylene diamine*

*Assessment of mutagenicity: Mutagenic properties can not be excluded on the basis of experimental data.*

*Information on: 2-methyl-m-phenylene diamine*

*Information on: 1,3-Benzenediamine*

*Assessment of mutagenicity: Mutagenic properties can not be excluded on the basis of experimental data. EU-classification*

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### Carcinogenicity

Assessment of carcinogenicity: The substance caused cancer in animal studies.

*Information on: 4-methyl-o-phenylene diamine*

*Information on: toluene-2,3-diamine*

*Assessment of carcinogenicity: The substance caused cancer in animal studies.*

*Information on: 4-methyl-m-phenylene diamine*

*Assessment of carcinogenicity: The substance caused cancer in animal studies.*

*Information on: 2-methyl-m-phenylene diamine*

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### Reproductive toxicity

Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect.

*Information on: 4-methyl-o-phenylene diamine*

*Information on: toluene-2,3-diamine*

*Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: 4-methyl-m-phenylene diamine*

*Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect.*

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*Information on: 2-methyl-m-phenylene diamine*  
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### Other Information

Carcinogenic in animal tests after oral administration. Skin resorption hazard.

### Medical conditions aggravated by overexposure

Individuals with allergic history or pre-existing dermatitis should use extra precautions when handling this product. The substance may cause sensitization of the skin in particularly sensitive individuals.

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## 12. Ecological Information

### Toxicity

#### Aquatic toxicity

Assessment of aquatic toxicity:

Acutely toxic for aquatic organisms. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Aquatic invertebrates

EC50 (48 h) 1.73 mg/l, *Daphnia magna* (OECD Guideline 202, part 1, static)

Literature data. Nominal concentration.

#### Aquatic plants

EC50 (72 h) 0.383 mg/l (growth rate), *Desmodesmus subspicatus* (OECD Guideline 201, static)

Literature data. The statement of the toxic effect relates to the analytically determined concentration.

#### Toxicity to fish

*Information on: 1,3-Benzenediamine, ar-methyl-*

LC50 (96 h) 393 mg/l, *Brachydanio rerio* (OECD Guideline 203, static)

LC50 (96 h) 0.414 mg/l (OECD Guideline 203, Flow through.)

*The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. The statement of the toxic effect relates to the analytically determined concentration.*

LC50 (96 h) 283 mg/l (OECD Guideline 203, semistatic)

*The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: Benzenamine, ar-methyl-*

LC50 (96 h) 115 mg/l, *Brachydanio rerio* (OECD Guideline 203, static)

*The statement of the toxic effect relates to the analytically determined concentration. The product has not been tested. The statement has been derived from the properties of the individual components.*

LC50 (96 h) 149 mg/l, *Pimephales promelas* (OECD 203; ISO 7346; 84/449/EEC, C.1, Flow through.)

*The statement of the toxic effect relates to the analytically determined concentration. The product has not been tested. The statement has been derived from the properties of the individual components.*

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Aquatic invertebrates

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*Information on: 1,3-Benzenediamine, ar-methyl-  
EC50 (48 h) 1.6 mg/l, Daphnia magna (semistatic)  
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: Benzenamine, ar-methyl-  
EC50 (48 h) 0.12 mg/l, Daphnia magna (OECD Guideline 202, part 1, semistatic)  
The statement of the toxic effect relates to the analytically determined concentration. The product has not been tested. The statement has been derived from the properties of the individual components.*

### Aquatic plants

*Information on: 1,3-Benzenediamine, ar-methyl-  
EC50 (72 h) 39 mg/l (growth rate), Desmodemus subspicatus (OECD Guideline 201, static)  
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: Benzenamine, ar-methyl-  
No observed effect concentration (72 h) 3.1 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static)  
The product has not been tested. The statement has been derived from the properties of the individual components.  
EC50 (72 h) 24 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static)  
The product has not been tested. The statement has been derived from the properties of the individual components.*

### Chronic toxicity to fish

*Information on: 1,3-Benzenediamine, ar-methyl-  
No observed effect concentration (10 d) 3.16 mg/l, Brachydanio rerio (OECD Guideline 212, Flow through.)  
The details of the toxic effect relate to the nominal concentration.*

*Information on: Benzenamine, ar-methyl-  
No observed effect concentration 0.6 mg/l, Oryzias latipes (OECD Guideline draft)*

### Chronic toxicity to aquatic invertebrates

*Information on: 1,3-Benzenediamine, ar-methyl-  
No observed effect concentration (21 d) 0.282 mg/l, Daphnia magna (OECD Guideline 211, semistatic)  
The statement of the toxic effect relates to the analytically determined concentration.  
No observed effect concentration (28 d) 125 mg/kg sediment dw, Chironomus riparius (OECD 218, static)*

*Information on: Benzenamine, ar-methyl-  
No observed effect concentration (21 d) 0.011 mg/l, Daphnia magna (OECD Guideline 211)*

## **Microorganisms/Effect on activated sludge**

### Toxicity to microorganisms

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*Information on: 1,3-Benzenediamine, ar-methyl-  
DIN EN ISO 8192-OECD 209-88/302/EEC, P. C aquatic  
activated sludge/EC50 (3 h): > 100 mg/l  
Nominal concentration.*

*Information on: Benzenamine, ar-methyl-  
OECD Guideline 209 aquatic  
activated sludge of a predominantly domestic sewage/EC50 (180 min): 100 mg/l  
The details of the toxic effect relate to the nominal concentration. The product has not been tested.  
The statement has been derived from the properties of the individual components.*

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### Persistence and degradability

#### Elimination information

0 % (28 d) (aerobic) Poorly biodegradable.

### Additional information

Adsorbable organically-bound halogen(AOX):  
This product contains no organically-bound halogen.

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## 13. Disposal considerations

### Waste disposal of substance:

Incinerate in suitable incineration plant, observing local authority regulations.

### Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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## 14. Transport Information

### Land transport

TDG

Hazard class:	6.1
Packing group:	III
ID number:	UN 2811
Hazard label:	6.1, EHSM
Proper shipping name:	TOXIC SOLID, ORGANIC, N.O.S. (contains TOLUENEDIAMINE)

### Sea transport

IMDG

Hazard class:	6.1
Packing group:	III
ID number:	UN 2811
Hazard label:	6.1, EHSM
Marine pollutant:	YES
Proper shipping name:	TOXIC SOLID, ORGANIC, N.O.S. (contains TOLUENEDIAMINE)

# Safety Data Sheet

## TDA 90% Vicinal

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### Air transport

IATA/ICAO

Hazard class: 6.1

Packing group: III

ID number: UN 2811

Hazard label: 6.1

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (contains TOLUENEDIAMINE)

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## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical DSL, CA released; restriction on use / not listed

CEPA, Significant New Activity Restriction (SNAC)

CG2V147#21p1246-1250

#### NFPA Hazard codes:

Health: 3 Fire: 1 Reactivity: 1 Special:

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## 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2023/05/05

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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END OF DATA SHEET