

**Revision number: 2** Revision date: 10/06/2014

#### 1. **IDENTIFICATION**

Product name: Product code:

1-Methoxynaphthalene M0116

Product use: Restrictions on use:

#### Company:

TCI America 9211 N. Harborgate Street Portland, OR 97203 U.S.A. Telephone: +1-800-423-8616 / +1-503-283-1681 Fax: +1-888-520-1075 / +1-503-283-1987 e-mail: sales-US@TCIchemicals.com www.TCIchemicals.com

### 2. HAZARD(S) IDENTIFICATION

OSHA Haz Com: CFR 1910.1200: Aquatic Hazard (Acute) [Category 2] Aquatic Hazard (Long-Term) [Category 2]

Signal word:

None

Hazard Statement(s):

Toxic to aquatic life Toxic to aquatic life with long lasting effects

Pictogram(s) or Symbol(s):



Precautionary Statement(s):	
[Prevention]	None
[Response]	None
[Storage]	None
[Disposal]	None

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture:
Components:
Percent:
CAS Number:
Molecular Weight:
Chemical Formula:
Synonyms:

Substance 1-Methoxynaphthalene >98.0%(GC) 2216-69-5 158.20 C<sub>11</sub>H<sub>10</sub>O Methyl 1-Naphthyl Ether

#### 4. FIRST-AID MEASURES

For laboratory research purposes. Not for drug or household use.

**TCI AMERICA** 

SAFETY DATA SHEET

Emergency telephone number: Chemical Emergencies: TCI America (8:00am - 5:00pm) PST +1-503-286-7624 Transportation Emergencies: Chemtrec 24-Hour +1-800-424-9300 (U.S.A.) +1-703-527-3887 (International) **Responsible department: TCI** America Environmental Health Safety and Security +1-503-286-7624

4. FIRST-AID MEASURES	
Inhalation:	Call emergency medical service. Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Keep victim warm and quiet. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
Skin contact:	Call a poison center or doctor if you feel unwell. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
Eye contact: Ingestion:	In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists get medical advice/attention. Move victim to fresh air. Check for and remove any contact lenses. Keep victim warm and quiet. Treat symptomatically and supportively. Effects of exposure to substance may be delayed. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. If swallowed, seek medical advice immediately and show the container or label. Loosen tight clothing such as a collar, tie, belt or waistband. If a person vomits place them in the recovery position so that vomit will
	not reenter the mouth and throat. Rinse mouth. Keep victim warm and quiet. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
Symptoms/effects:	
Acute: Delayed:	No data available No data available
Immediate medical attention:	If breathing has stopped, perform artificial respiration. Use first aid treatment according to the nature of the injury. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
5. FIRE-FIGHTING MEASURES	
Suitable extinguishing media:	Dry chemical, $CO_2$ , sand, earth, water spray or regular foam Consult with local fire authorities before attempting large scale fire fighting operations.
Specific hazards arising from the che	mical

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Hazardous combustion products:
Other specific hazards:
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These products include: Carbon oxides Closed containers may explode from heat of a fire.

Special precautions for fire-fighters:

Dike fire-control water for later disposal; do not scatter the material. Containers may explode when heated. Move containers from fire area if you can do it without risk.

Special protective equipment for fire-fighters:

Wear positive pressure self-contained breathing apparatus (SCBA). Structural fire fighters' protective clothing provides limited protection in fire situations ONLY; it may not be effective in spill situations.

6. ACCIDENTAL RELEASE MEASURES
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Personal precautions:	Avoid contact with skin, eyes, and clothing. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (Section 8). Warn unnecessary personnel to move away. Stop leak if you can do it without risk. Ensure adequate ventilation. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Personal protective equipment:	Safety glasses. Lab coat. Vapor respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Wear protective gloves (nitrile).
Emergency procedures:	In case of a spill and/or a leak, always shut off any sources of ignition, ventilate the area, and excercise caution. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Warn personnel to move away. Prevent entry into sewers, basements or confined areas; dike if needed.

#### Methods and materials for containment and cleaning up:

ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if without risk. Absorb with an inert material and put the spilled material in an appropriate waste disposal container. Use clean non-sparking tools to collect absorbed material. Dike far ahead of spill; use dry sand to contain the flow of material.

#### **Environmental precautions:**

Environmental hazard. Do not let product enter drains. Prevent further leakage or spillage if safe to do so. Water runoff can cause environmental damage. Prevent entry into sewers, basements or confined areas; dike if needed.

#### 7. HANDLING AND STORAGE

Do NOT breath gas, fumes, vapor, or spray. Avoid contact with skin and eyes. Good general ventilation should be sufficient to control airborne levels. Keep container dry. Handle and open container with care. Wear suitable protective clothing, gloves and eve/face protection. When using do not eat, drink, or smoke. Keep away from sources of ignition.

7. HALLING AND STORGE         Conditions for safe storage:       Keep only in the original container in a cool well-wentilated place. Keep away from incompatibles. Containers which are oppend must be carefully resealed and kept upright to prevent leakage. Avoid profunds available is containers which are oppend must be carefully resealed and kept upright to prevent leakage. Avoid profunds available is containers which are oppend must be carefully resealed and kept upright to prevent leakage. Avoid profunds available is containers which are oppend must be carefully resealed and kept upright to prevent leakage. Avoid profunds available is containers should be sufficient to entrol arborne levels. Were respirated must be arrefully resealed and kept upright to prevent leakage. Avoid profunds are should be sufficient to entrol arborne levels. Very the substance. Follow safe industrial and there are to use a MSHA/NIOSH approved respirator or equivalent. Every are profective givers are available for available in the original containers should be respiratory predictors.         Personal profusion provided in areas (SCOP):       Spage         Sepiratory predictors:       Ware profective givers.         Sepiratory predictors:       Ware profective givers.         Sepiratory prediction:       Spage         Spage profection:       Spage         Sparatory prediction:       Ware profective givers.         Sparatory prediction:       Sparatory preverse many from none prevent ware prevent prevent ware prevent prev	Conditions for safe storage: Storage incompatibilities: B. EXPOSURE CONTROLS / PE Exposure limits: Good general ventilation should be su ountains should be provided in areas engineering/laboratory practices wher Personal protective equipment Respiratory protection: Hand protection: Eye protection:	Containers which are o prolonged storage perio Combustible substance <b>RSONAL PROTECTION</b> No data available fficient to control airborne level: where there is any possibility the handling any chemical. Vapor respirator. Be su Wear protective gloves Splash goggles.	pened must be carefully resea ods. Store under inert gas (e.g es, Store away from oxidizing a s. Ventilation is normally requir hat workers could be exposed ure to use a MSHA/NIOSH app	led and kept u . Argon). Igents red when hand to the substand	pright to prevent leakage. Avoid
Containers which are opened must be carefully resealed and kept upright to prevent leakage. Avoid profounded storage periods. Store under integ as (e.g. Argon). Borage incompatibilities: Control sitted available Store of the substances, Store away from oxidizing agents:  Store of period vertical as (e.g. Argon). Borage incompatibilities: No data available Supropriate engineering controls:  Store of period vertical and store openiod of the substance. Follow safe industrial ingineering/laboratory practices when handling any chemical.  Period of period vertical mathematicity any chemical.  Store of period vertical and the superiod of the substance. Follow safe industrial  regineering/laboratory practices when handling any chemical.  Period of period vertical and the superiod of the substance. Follow safe industrial  regineering/laboratory practices when handling any chemical.  Period of the substance of the substance of the substance. Follow safe industrial  regineering/laboratory practices when handling any chemical.  Period of the substance of the substance of the substance.  Period of the substance of the substance of the substance of the substance.  Period of the substance of the substance of the substance of the substance.  Period of the substance of the substance of the substance of the substance.  Period of the substance of the substance of the substance of the substance of the substance.  Period of the substance of the sub	Storage incompatibilities: B. EXPOSURE CONTROLS / PE Exposure limits: Appropriate engineering controls: Good general ventilation should be su ountains should be provided in areas engineering/laboratory practices when Personal protective equipment Respiratory protection: Hand protection: Eye protection: Eye protection:	Containers which are o prolonged storage perio Combustible substance <b>RSONAL PROTECTION</b> No data available fficient to control airborne level: where there is any possibility the handling any chemical. Vapor respirator. Be su Wear protective gloves Splash goggles.	ppened must be carefully resea ods. Store under inert gas (e.g es, Store away from oxidizing a s. Ventilation is normally requir hat workers could be exposed ure to use a MSHA/NIOSH app	led and kept u . Argon). Igents red when hand to the substand	pright to prevent leakage. Avoid
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	RTECS Number: QJ9465500				

1-Methoxynaphthalene	TCI AN	IERICA			Page 4 of 5
Acute Toxicity: No data available					
Skin corrosion/irritation: No data available					
Serious eye damage/irritation: No data available					
<b>Respiratory or skin sensitization:</b> No data available					
Germ cell mutagenicity: cyt-ham-Ing 10 mmol/L/6H (+S9)					
Carcinogenicity:					
No data available					
IARC: No data available	NTP:	No data available	OSHA:	No data available	
Reproductive toxicity: No data available					
Routes of Exposure: Symptoms related to exposure: No specific information is available in our da	Inhalation, Eye co		l for humans. Howeve	r, exposure to any chem	ical should

No specific information is available in our data base regarding the toxic effects of this material for humans. However, exposure to any chemical should be kept to a minimum. Always follow safe industrial hygiene practices and wear proper protective equipment when handling this compound. Potential Health Effects:

No specific information available; skin and eye contact may result in irritation. May be harmful if inhaled or ingested. **Target organ(s):** No data available

Target organ(s):

# 12. ECOLOGICAL INFORMATION

Ecotoxicity Fish: Crustacea: Algae:	48h LC50:9.5 ppm (Oryzias latipes) No data available No data available
Persistence and degradability: Bioaccumulative potential (BCF): Mobillity in soil: Partition coefficient:	0 % (by BOD), 4 % (by HPLC) 130 - 259 (conc. 20 ppb), 106 - 221 (conc. 2 ppb) No data available 3.45
n-octanol/water (log P <sub>ow</sub> ) Soil adsorption (Koc): Henry's Law: constant (PaM³/mol)	No data available 3.2

13. DISPOSAL CONSIDERAT	TIONS
Disposal of product:	Recycle to process if possible. It is the generator's responsibility to comply with Federal, State and Local rules and regulations. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. This section is intended to provide assistance but does not replace these laws, nor does compliance in accordance with this section ensure regulatory compliance according to the law. US EPA guidelines for Identification and Listing of Hazardous Waste are listed in 40 CFR Parts 261. The product should not be allowed to enter the environment, drains, water ways, or the soil.
Disposal of container:	Dispose of as unused product. Do not re-use empty containers.
Other considerations:	Observe all federal, state and local regulations when disposing of the substance.
14. TRANSPORT INFORMAT	ION
DOT (US)	Non-hazardous for transportation.
ΙΑΤΑ	Non-hazardous for transportation.
IMDG	Non-hazardous for transportation.

## 15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA 8b.): This product is ON the EPA Toxic Substances Control Act (TSCA) inventory.

	us substance and	d Reportable Quantity:		
SARA 313:		Not Listed		
SARA 302:		Not Listed		
State Regulations	_			
State Right-to-Kno	w			
Massachus	setts	Not Listed		
New Jersey	/	Not Listed		
Pennsylvar		Not Listed		
California Proposi	tion 65:	Not Listed		
Other Information				
			HMIS Classification:	
NFPA Rating:			niviis Classification.	
NFPA Rating: Health:	0		Health:	0
-	0 1			
Health:	•		Health:	0
Flammability:	1 0		Health: Flammability:	0 1
Health: Flammability: Instability:	1 0 ntories	No data available.	Health: Flammability:	0 1

#### Revision date: 10/06/2014

Revision number: 2

TCI chemicals are for research purposes only and are NOT intended for use as drugs, food additives, households, or pesticides. The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective gogles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.