

## Chemical Safety Data Sheet MSDS / SDS

## Furathiocarb

Revision Date:2026-03-21 Revision Number:1

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

## Product identifier

Product name : Furathiocarb  
CBnumber : CB9189847  
CAS : 65907-30-4  
EINECS Number : 265-974-3  
Synonyms : PROMET;DELTANET

## Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : For R&D use only. Not for medicinal, household or other use.  
Uses advised against : none

## Company Identification

Company : Chemicalbook  
Address : Building 1, Huihuang International, Shangdi 10th Street, Haidian District, Beijing  
Telephone : 010-86108875

## SECTION 2: Hazards identification

## GHS Label elements, including precautionary statements

Symbol(GHS)



Signal word

Danger

## Precautionary statements

P314 Get medical advice/attention if you feel unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuerinsing.

P302+P352 IF ON SKIN: wash with plenty of soap and water.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

## Hazard statements

H410 Very toxic to aquatic life with long lasting effects

H373 May cause damage to organs through prolonged or repeated exposure

H330 Fatal if inhaled

H319 Causes serious eye irritation

H317 May cause an allergic skin reaction

H315 Causes skin irritation

H301 Toxic if swallowed

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## SECTION 3: Composition/information on ingredients

### Substance

Product name	: Furathiocarb
Synonyms	: PROMET;DELTANET
CAS	: 65907-30-4
EC number	: 265-974-3
MF	: C18H26N2O5S
MW	: 382.47

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## SECTION 4: First aid measures

### First Aid Measures

#### Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.

#### Skin Contact

Wash off immediately with plenty of water.

#### Inhalation

Immediate medical attention is required Remove to fresh air If not breathing, give artificial respiration Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation

#### Ingestion

Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water.

#### Self-protection of the first aider

Remove all sources of ignition.

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

#### Symptoms

No information available.

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

#### Note to physicians

Treat symptomatically.

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## SECTION 5: Firefighting measures

## **Suitable Extinguishing Media**

### **Suitable Extinguishing Media**

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

### **Unsuitable Extinguishing Media**

None.

## **Specific hazards arising from the chemical**

### **Specific hazards arising from the chemical**

No information available.

### **Hazardous combustion products**

Hydrogen sulfide. Carbon oxides. Nitrogen oxides (NOx).

## **Explosion data**

### **Sensitivity to Mechanical Impact**

No information available.

### **Sensitivity to Static Discharge**

No information available.

## **Protective equipment and precautions for firefighters**

### **Protective equipment and precautions for firefighters**

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

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## SECTION 6: Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions**

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

#### **Environmental precautions**

##### **Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

See Section 12 for additional Ecological Information.

### **Methods and material for containment and cleaning up**

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

#### **Methods for cleaning up**

Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

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## SECTION 7: Handling and storage

## Precautions for safe handling

### Advice on safe handling

Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Store at room temperature.

#### Incompatible materials

None known based on information supplied.

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## SECTION 8: Exposure controls/personal protection

### Control parameters

#### Exposure Guidelines

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#### Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methanol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m3 (vacated) (vacated) STEL: 325 mg/m3 (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m3 STEL: 250 ppm STEL: 325 mg/m3

NIOSH IDLH Immediately Dangerous to Life or Health

### Appropriate engineering controls

#### Engineering Controls

Showers

Eyewash stations

Ventilation systems

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Tight sealing safety goggles.

### **Skin and Body Protection**

Wear protective gloves and protective clothing.

### **Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

### **General Hygiene Considerations**

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

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## SECTION 9: Physical and chemical properties

### **Information on basic physicochemical properties**

Physical State	liquid
Appearance	No information available
Odor	No information available
pH	No information available
Melting point/freezing point	-97.8 °C
Boiling point	64.7 °C
Flash point	12.0 °C
Density	1.2125 (rough estimate)
Evaporation rate	No information available
Upper flammability limits	No information available
Lower flammability limit	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Solubility	Chloroform (Slightly), Methanol (Slightly)
Colour	Colourless

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## SECTION 10: Stability and reactivity

### **Reactivity**

Not applicable

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None under normal processing.

### **Hazardous polymerization**

No information available.

### **Conditions to avoid**

Heat, flames and sparks.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous Decomposition Products**

Hydrogen sulfide. Carbon oxides. Nitrogen oxides (NOx).

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## **SECTION 11: Toxicological information**

### **Information on likely routes of exposure**

#### **Inhalation**

Classified based on available data. For more details, see section 2.

#### **Eye contact**

Classified based on available data. For more details, see section 2.

#### **Skin Contact**

Classified based on available data. For more details, see section 2.

#### **Ingestion**

Classified based on available data. For more details, see section 2.

### **Information on toxicological effects**

#### **Symptoms**

Classified based on available data. For more details, see section 2.

### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

#### **Chronic Toxicity**

Classified based on available data. For more details, see section 2. Target Organ Effects Gastrointestinal tract (GI), Central nervous system, Eyes, Respiratory system, Skin. Carcinogenicity This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly

#### **carcinogenic to humans (Group**

2B).

### **Chemical Name ACGIH IARC NTP OSHA**

## Furathiocarb - Group

2A - X 65907-30-4

### Numerical measures of toxicity - Product Information

#### Unknown acute toxicity

Classified based on available data. For more details, see section 2

The following values are calculated based on chapter 3.1 of the GHS document

#### ATEmix (oral)

100 mg/kg

#### ATEmix (dermal)

300 mg/kg

#### ATEmix (inhalation-dust/mist)

0.5 mg/l

## SECTION 12: Ecological information

### Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Methanol 67-56-1	-	28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	-	-

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

#### Methanol

28200: 96 h Pimephales - -

#### Pimephales promelas mg/L

#### LC50 static 13500

17600: 96 h Lepomis macrochirus

#### Oncorhynchus mykiss mg/L

LC50 flow-through

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

**Persistence and degradability No information available. Bioaccumulation No information available. Mobility No information available.**

#### Methanol

## SECTION 13: Disposal considerations

### Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### Contaminated packaging

Do not reuse container.

### Other Information

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

### US EPA Waste Number

U154

### California Hazardous Waste Status

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Methanol 67-56-1	Toxic Ignitable
Furathiocarb 65907-30-4	Toxic

### Methanol

Toxic

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## SECTION 14: Transport information

### DOT

#### UN/ID no

UN1230

#### Hazard Class

3

#### Subsidiary class

6.1

#### Packing Group

II

#### Proper shipping name

Methanol

#### Description

UN1230, Methanol, 3 (6.1), II

#### Emergency Response Guide Number

**IMDG****UN/ID no**

UN1230

**Hazard Class**

3

**Subsidiary hazard class**

6.1

**Packing Group**

II

**Proper shipping name**

Methanol

**Description**

UN1230, Methanol, 3 (6.1), II, (12°C c.c.)

**Special Provisions**

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**EmS-No**

F-E, S-D

**IATA****UN/ID no**

UN1230

**Hazard Class**

3

**Subsidiary hazard class**

6.1

**Packing Group**

II

**Proper shipping name**

Methanol

**Description**

UN1230, Methanol, 3 (6.1), II

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## SECTION 15: Regulatory information

**International Inventories**

All of the components in the product are on the following Inventory lists

Europe (EINECS/ELINCS/NLP) South Korea (KECL):

X - Listed

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

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

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

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Methanol	X	X	-	X	-	X	X	X	X	X
Furathiocarb	-	-	-	X	-	-	-	X	-	-

## US Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazard Categories

#### Acute health hazard

Yes

#### Chronic Health Hazard

No

#### Fire hazard

Yes

#### Sudden release of pressure hazard

No

#### Reactive hazard

No

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

## US State Regulations

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methanol 67-56-1	X	X	X

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## SECTION 16: Other information

### Abbreviations and acronyms

CAS: Chemical Abstracts Service

TWA: Time-Weighted Average

STEL: Short-Term Exposure Limit

LD50: Lethal Dose 50%

LC50: Lethal Concentration 50%

EC50: Effective Concentration 50%

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

DOT: US Department of Transportation

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

**Disclaimer:**

The information in this MSDS is only applicable to the specified product, unless otherwise specified, it is not applicable to the mixture of this product and other substances. This MSDS only provides information on the safety of the product for those who have received the appropriate professional training for the user of the product. Users of this MSDS must make independent judgments on the applicability of this SDS. The authors of this MSDS will not be held responsible for any harm caused by the use of this MSDS.