



# SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 5/Aug/2016

Version: 4

Language: en-CA,US

Date of print: 11/Aug/2016

## Bio Tap liquid

Material number 157500

Page: 1 of 6

### 1. Product and company identification

#### Product identifier

Trade name: Bio Tap liquid

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

General use: Active ingredients, liquid  
Reserved for industrial and professional use.

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

Company name: WEICON Inc.  
Street/POB-No.: 20 Steckle Place, Unit 20  
Postal Code, city: Kitchener, Ontario N2E 2C3, CA  
WWW: www.weicon.ca  
E-mail: info@weicon.ca  
Telephone: +1-519-896-5252  
Telefax: +1-519-896-5254  
Dept. responsible for information:  
Product-Safety-Department  
Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de

#### Emergency phone number

**EMERGENCY CONTACT – Canada (24h): Tel: ++1 866 928 0789 (Toll free)**

**Transport:**

**TRANSPORT EMERGENCY CONTACT - Canada (24h): Tel: ++1 866 928 0789 (Toll free)**

### 2. Hazards identification

#### Emergency overview

Appearance: Physical state at 20 °C and 101.3 kPa: liquid  
Color: yellowish  
Odor: characteristic  
Classification: This material is classified as not hazardous.

#### Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

#### Hazards not otherwise classified

Special danger of slipping by leaking/spilling product.  
see section 11: Toxicological information

### 3. Composition / Information on ingredients

Chemical characterisation: Active ingredients, liquid

### 4. First aid measures

In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing.  
Seek medical attention.



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- Following skin contact: Immediately clean with water and soap followed by thorough rinsing. Take off contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Keep eye wide open. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.
- After swallowing: Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical aid in case of troubles.

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

After eye contact: slightly irritant

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:

> 207 °C (CB-O-006 (ISO 2592))

Auto-ignition temperature: No data available

Suitable extinguishing media:

Water fog, alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

### Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire.

In case of fire may be liberated: Carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

## 6. Accidental release measures

Personal precautions:

Avoid contact with skin, eyes, and clothing.

Do not breathe fume/gas/mist/vapors/spray. Provide adequate ventilation.

Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods for clean-up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

Additional information:

Special danger of slipping by leaking/spilling product.

## 7. Handling and storage

### Handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed.

Wear appropriate protective equipment. Do not breathe fume/gas/mist/vapors/spray.

Avoid contact with skin, eyes, and clothing.

Take off contaminated clothing and wash it before reuse.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.



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### Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.  
Protect from moisture contamination. Protect from frost, heat and sunlight. Keep only in the original container.

Hints on joint storage:

Do not store together with acids or oxidizing agents.  
Keep away from food, drink and animal feedingstuffs.

Further details:

Do not allow the product to enter the ground.

## 8. Exposure controls / personal protection

### Exposure guidelines

Occupational exposure limit values:

Type	Limit value
Canada, Alberta: OEL 15 min	10 mg/m <sup>3</sup> Oil mist mineral
Canada, Alberta: OEL 8 hour	5 mg/m <sup>3</sup> Oil mist mineral
Canada, BC: OEL TWA	0.2 mg/m <sup>3</sup> Oil mist mineral
Canada, BC: OEL TWA	1 mg/m <sup>3</sup> Oil mist mineral, (mineral, severely refined)
Canada, Ontario: OEL TWA	5 mg/m <sup>3</sup> Oil mist mineral
Canada, Québec: VECD	10 mg/m <sup>3</sup> Oil mist mineral
Canada, Québec: VEMP	5 mg/m <sup>3</sup> Oil mist mineral
USA: NIOSH: STEL	10 mg/m <sup>3</sup> Oil mist mineral
USA: NIOSH: TWA	5 mg/m <sup>3</sup> Oil mist mineral
USA: OSHA: TWA	5 mg/m <sup>3</sup> Oil mist mineral

### Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

See also information in chapter 7, section storage.

### Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection:

Wear suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: Nitrile rubber

Layer thickness: 0.4 mm

Breakthrough time: >480 min

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection:

Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded.

The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

General hygiene considerations:

Take off contaminated clothing. Avoid contact with the substance.

Wash hands before breaks and after work.

When using do not eat, drink or smoke.



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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Color: yellowish
Odor:	characteristic
Odor threshold:	No data available
pH value:	not determined
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	not determined
Flash point/flash point range:	> 207 °C (CB-O-006 (ISO 2592))
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	not determined
Vapor density:	No data available
Density:	at 20 °C: 0.90 - 0.94 g/mL (CB-A-001 (DIN 51757))
Water solubility:	not/slightly miscible
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Viscosity, kinematic:	at 40 °C: 37 - 45 mm <sup>2</sup> /s (CB-016 (DIN 51562))
Explosive properties:	not determined
Ignition temperature:	not determined

## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	No hazardous reaction when handled and stored according to provisions.
Conditions to avoid:	Protect from frost, heat and sunlight.
Incompatible materials:	Oxidizing agents, Alkali (lye), acids.
Hazardous decomposition products:	May form dangerous gases and vapours in case of fire. In case of fire may be liberated: Carbon monoxide and carbon dioxide.
Thermal decomposition:	No data available



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## 11. Toxicological information

### Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Eye damage/irritation: Based on available data, the classification criteria are not met.

Minor irritation effect - does not require labeling.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

### Symptoms

After eye contact: slightly irritant

## 12. Ecological information

### Ecotoxicity

Further details: No data available

### Mobility in soil

No data available

### Persistence and degradability

Further details: No data available

### Additional ecological information

Volatile organic compounds (VOC):

0 % by weight

General information: Do not allow to enter into ground-water, surface water or drains.

## 13. Disposal considerations

### Product

Recommendation: Dispose of waste according to applicable legislation.

### Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.  
Non-contaminated packages may be recycled.



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### 14. Transport information

#### USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

#### Canada: Transportation of Dangerous Goods (TDG)

Shipping name: Not restricted

#### Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

#### Air transport (IATA)

Proper shipping name: Not restricted

#### Further information

No dangerous good in sense of these transport regulations.

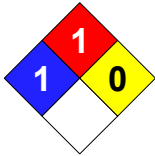
### 15. Regulatory information

#### National regulations - Canada

No data available

### 16. Other information

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

Reason of change: Changes in section 1: General revision

Date of first version: 21/Feb/2016

#### Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.