



SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

Bio-Tap

Article number 157500

Revision date: Apr/15/2016

Version: 3

Language: en-US

Date of print: Apr/18/2016

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1. Product and company identification

Product identifier

Trade name: Bio-Tap

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
Additional information: WEICON GmbH & Co. KG
Königsberger Straße 255
Münster 48157
www.weicon.de
info@weicon.de
+49(0)251 / 9322 - 0
+49(0)251 / 9322 - 244

Emergency phone number

GLZ, Bonn Germany (English)
Telephone: +49(0)228 / 19 240
Transport:
Consultank Lutz Harder GmbH
Telephone: +49 (0)178 433 7434 (24h Emergency Contact)

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F 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



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3. Composition / Information on ingredients

Chemical characterization: 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.
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/effects, acute and delayed

After eye contact: slightly irritant

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:	> 404.6 °F (CB-O-006 (ISO 2592))
Auto-ignition temperature:	No data available
Suitable extinguishing media:	Water fog, alcohol resistant foam, dry chemical 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.



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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.

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
USA: NIOSH: STEL	10 mg/m ³
USA: NIOSH: TWA	5 mg/m ³
USA: OSHA: TWA	5 mg/m ³

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 68 °F 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:	> 404.6 °F (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 68 °F: 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 104 °F: 37 - 45 mm ² /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

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.

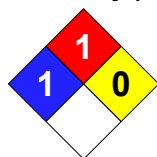
15. Regulatory information

National regulations - Great Britain

Hazchem-Code: -

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: product name

Date of first version: Feb/21/2016

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.