SAFETY DATA SHEET

[In accordance with Regulation (EC) No. 1907/2006 (REACH) as amended]

Date of issue: 13.12.2018 Version: 2.0/PL

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

JODOSEPT

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

Relevant identified uses: liquid for antiseptic hand disinfection.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **VETOQUINOL BIOWET Sp. z o.o.**

Address: ul. Kosynierów Gdyńskich 13-14, 66-400 Gorzów Wielkopolski, Poland

Telephone/Fax number: + 48 95 728 55 00÷01 / + 48 95 735 90 43

E-mail address for a competent person responsible for SDS: biuro@theta-doradztwo.pl

1.4 Emergency telephone number

112 (general emergency phone number), 998 (firefighting services), 999 (emergency medical services) 607 218 174 (Poisons Information Bureau Warsaw), 12 411 99 99 (Poisons Information Centre UJ CM Cracow), 61 847 69 46 (Poisons Information Centre Poznań), 58 682 04 04 (Pomeranian Centre of Toxicology Gdańsk)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Irrit. 2 H319

Causes serious eye irritation.

2.2 Label elements

Hazard pictograms and signal words

WARNING

Dangerous components placed on the label

None.

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

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

P337+P313 If eye irritation persists: get medical advice/attention.

2.3 Other hazards

The product does not contain components which do not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

sodium lauryl sulfate

Range of percentages:	< 10%
CAS number:	151-21-3
EC number:	205-788-1
Index number:	-
Registration number:	01-2119489461-32-XXXX
Classification:	Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Dam. 1 H318, Acute Tox. 4 H332, STOT SE 3 H335, Aquatic Chronic 3 H412 Specific concentration limits: Eye Dam. 1: C ≥ 20%, Eye Irrit. 2: 10% ≤ C < 20%

ethyl alcohol

Range of percentages:	< 5%
CAS number:	64-17-5
EC number:	200-578-6
Index number:	603-002-00-5
Registration number:	-
Classification:	Flam. Liq. 2 H225, Eye Irrit. 2 H319 Specific concentration limits: Eye Irrit. 2: C ≥ 50%

Substance with a national workplace exposure limit.
Full text of the relevant H phrases is given in Section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: product intended for direct application to the skin. Consult a doctor if disturbing symptoms occur.

Eye contact: protect the unaffected eye, remove any contact lenses. Rinse the affected eyes thoroughly with water for 10-15 minutes while holding eyelids open. Avoid strong stream of water - risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms or effects are expected other than those resulting from the classification.

4.3 Indication of any immediate medical attention and special treatment needed

The physician shall make a decision regarding further medical treatment after a thorough examination of the injured person. Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, sand, dry extinguishing media.

Unsuitable extinguishing media: water jet - risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

May produce harmful gases consisting of carbon oxides, nitric oxides, iodine or other unidentified products of thermal decomposition if burning. Do not inhale combustion products as they may be a health hazard.

5.3 Advice for firefighters

Wear personal protection typical in case of fire. Do not stay in the fire zone without protective clothing resistant to chemicals and self-contained breathing apparatus. In case of fire, cool endangered containers with water fog from a safe distance. Collect used extinguishing media.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Ensure adequate ventilation. Do not inhale product vapours. Wear adequate personal protective equipment.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify the relevant emergency services.

6.3 Methods and material for containment and cleaning up

Damaged containers should be placed in a leak-proof replacement container. Collect the product using non-flammable liquid-absorbing materials (e.g. sand, soil, universal binding agents, silica, vermiculite etc.) and place it in labelled containers. Treat the collected material as waste. Ventilate the contaminated place and wash out the contaminated area with large amounts of water.

6.4 Reference to other sections

Advice on proper handling of waste product - see section 13. Personal protective equipment – see section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid eye and skin contamination. Wash hands before breaks and after work. Ensure adequate ventilation. Use in accordance with the identified purpose. Keep unused containers tightly sealed. Use personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in tightly closed original containers in a cool and well-ventilated place. Keep away from foodstuffs or animal feedingstuffs. Containers that are opened should be properly resealed and kept upright to prevent leakage. Avoid sources of heat or fire and direct exposure to sunlight. Store below 25°C. Keep away from strong acids and oxidizing agents. Do not allow the product to freeze.

7.3 Specific end use(s)

No information about uses other than these referred to in Section 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Specification	TLV	STEL	TLV-C	BEI
ethyl alcohol [CAS 64-17-5]	1 900 mg/m^3	-	-	-

Legal basis: Journal of Laws 2018 item 1286.

Recommended control procedures

Apply procedures for monitoring the concentrations of hazardous components in the air as well as air cleanliness procedures in the workplace – provided that such are available and justified in a given position – in accordance with the relevant Polish and European Standards and in consideration of the conditions in the place of exposure, as well as applicable measurement methodology adapted to the working conditions.

The type, character and frequency of measurements shall meet the requirements specified in the ordinance of the Minister of Health of 2nd February 2011(Journal of Laws no. 33, item 166).

8.2. Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Local exhaust ventilation is preferred because it can control the emissions of the contaminant at its source, preventing its dispersion into the general work area. Do not eat, drink or smoke tobacco during work. Wash hands carefully before breaks and after work.

Hand and body protection

Use protective gloves in case of emergency or accidental release of large amounts of the mixture.
The material that the gloves are made of must be impenetrable and resistant to the product effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide information regarding the exact breakthrough time. This information should be followed. It is recommended to change gloves regularly. Upon noticing any symptoms of wear, damage or change in appearance (colour, flexibility, shape), change the gloves immediately.

Eye protection

Wear safety goggles if there is risk of eye contamination.

Respiratory protection

Respiratory protection is not required under normal conditions of use, in accordance with identified purpose. In case the permissible threshold limit values are exceeded or in emergency situations, a respirator mask fitted with an organic vapour filter should be used.
Personal protective equipment must meet the requirements specified in the Regulation of the Minister of Economy of 21st December 2005 (Journal of Laws, no. 259, item 2173) and Regulation (EU) 2016/425. The employer must provide the appropriate equipment that is adequate to the activities carried out and that complies with all quality requirements including its conservation and cleaning.

Environmental exposure controls

Do not allow large quantities of mixture to contaminate ground water/drainage systems/ sewage system or soil. Possible emissions from the ventilation systems and processing equipment should be controlled in order to determine their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	dark brown
odour:	characteristic
odour threshold:	not determined
pH:	3.0-5.5

melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	non-flammable (PN-EN ISO 2719:2016-08)
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	not determined
solubility:	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	non-explosive
oxidising properties:	non-oxidising
kinematic viscosity:	1 500 – 3 600 mPas

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. It will not undergo dangerous polymerization . See also Sections 10.4 – 10.5.

10.2 Chemical stability

The product is stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

Dangerous reactions are not known.

10.4 Conditions to avoid

Avoid direct exposure to sunlight, sources of heat and fire. Do not allow product to freeze.

10.5 Incompatible materials

Reducing agents, acids, bases, oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products are not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the manufacturer's knowledge and experience.

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 contained in Annex I to CLP.

ATE mix (ingestion)	> 2 000 mg/kg
ATE mix (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/ irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

The product is not classified as harmful to aquatic life.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

The product is mobile in soil and in aquatic environment. Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Not applicable. The product does not contain PBT and vPvB components.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Other harmful effects of individual components of the mixture on the environment should be considered (e.g. endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store the mixture in original containers. Do not discharge the product into drains. The waste code must be allocated individually at the site where waste was generated.

Disposal methods for used packing: recovery / recycling / elimination of packaging waste carried out in accordance with applicable regulations. Only completely emptied packaging can be recycled.

Community legal acts: directives of the European Parliament and the Council: 2008/98/EC as amended, 94/62/EC as amended.

National legal acts: Journal of Laws 2013 item 21, as amended, Journal of Laws 2013, item 888 as amended.

Section 14: : Transport information

14.1 UN number

The product is not classified as dangerous under the transport regulations for road, rail, sea or air transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

The mixture is not dangerous to the environment in accordance with the criteria contained in the transport regulations.

14.6 Special precautions for user

During handling the cargo, use personal protective measures. Avoid sources of ignition.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

Section 15: : Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Act of 25th February 2011 on chemical substances and their mixtures (Journal of Laws no. 63, item 322 as amended). Unified text (Journal of Laws 2018 item 143)

Minister of Labour and Social Policy Regulation of 12th June 2018 on the maximum permissible concentrations and intensity of harmful factors in work environment (Journal of Laws 2018, item 1286)

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

Act of 14th December 2012 on waste (Journal of Laws 2013, item 21 as amended)

Act of 13th June 2013 on the management of packaging and packaging waste (Journal of Laws 2013, item 888 as amended)

Regulation of the Minister of Environmental Protection of 9th December 2014 on the catalogue of waste (Journal of Laws 2014 item 1923).

Regulation of the Minister of Economy of 21st December 2005 on requirements for personal protective precautions (Journal of Laws no. 259, item 2173)

Regulation of the Minister of Health of 2nd February 2011 on the study and measurement of occupational health hazards (Journal of Laws no. 33, item 166)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9th March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.
Commission Regulation (EU) 2015/830 of 28th May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Directive 2008/98/EC of the European Parliament and of the Council of 19th November 2008 on waste and repealing certain directives.
European Parliament and Council Directive 94/62/EC of 20th December 1994 on packaging and packaging Waste as amended.

15.2 Chemical safety assessment

In accordance with the REACH Regulation it is not necessary to carry out a chemical safety assessment for chemical mixtures.

Section 16: : Other information

Full text of H phrases mentioned in Section 3

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long-lasting effects.

Explanation of abbreviations and acronyms

TLV	Threshold Limit Value
STEL	Short Term Exposure Limit
TLV-C	Threshold Limit Value - Ceiling
BEI	Biological Exposure Index
vPvB	Very persistent and very bioaccumulative substances
PBT	Persistent, bioaccumulative and toxic substances
Acute Tox. 4	Acute toxicity category 4
Aquatic Chronic 3	Chronic aquatic toxicity category 3
Flam. Liq. 2	Flammable liquid category 2
Eye Irrit. 2	Eye irritation category 2
Eye Dam. 1	Eye damage category 1
STOT SE 3	Specific target organ toxicity – single exposure category 3
Skin Irrit. 2	Skin irritation category 2

Training

Before handling the product the users should acquaint themselves with good occupational hygiene and safety practices regarding handling of chemical substances and receive the relevant workplace training.

Key literature references and sources for data

This safety data sheet was developed based on safety data sheets of the individual components, literature data, online databases (e.g. ECHA TOXNET, CONSIGN) as well as knowledge and experience taking into account the current legislation.

Procedures used to derive the classification of the mixture

Classification was based on the data on hazardous components content and established by calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended. The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 contained in Annex I to CLP.

Additional information

Changes made with respect to the previous version:	Sections: 2,3,4,8,9,12,13,14,15,16
Written by:	Aleksandra Gendek, MA (on the basis of producer's data)
Issued by:	**„THETA"** Doradztwo Techniczne

The information above is based on the current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as an aid to safety in transport, storage and usage of the product. That does not relieve the user from the responsibility for improper usage of the information above and also for improper compliance with the legal regulations in the field.