

SAFETY DATA SHEET

In accordance with Regulation (EU) 2015/830

AS-100 ANTI MICROB TAPE

Compilation date: 29.05.2020

Revision: 02.06.2020

Version: 1.2 /ENG

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: **AS-100 ANTI MICROB TAPE**

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

Identified uses: The product is used for disinfection of indoor surfaces.

Uses advised against: Not specified.

1.3. Details of the supplier of the safety data sheet

Supplier: A-SPE EUROPE SP. J.
Address: 5 Agatowa Str., 82-310 Gronowo Górne, Poland
Telephone No: +48 55 236 77 36
E-Mail: info@a-spe.com

1.4. Emergency telephone number

+48 55 236 77 36 (available from Monday till Friday during office hours: 8 am – 4 pm GMT+1)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

In accordance with applicable regulations, the product is not classified as hazardous.

For human health hazards: Not classified
For environmental hazards: Not classified
For physical / chemical hazards: Not classified

2.2. Label elements

Hazard pictogram(s): Not applicable
Hazard statement(s): Not applicable

Signal word(s): Not applicable
Precautionary statement(s): Not applicable

2.3. Other hazards

No other hazards.

The substance/ mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of the REACH Regulation.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Ingredients are not hazardous for the human health and the environment.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

No exposure possible.

Contact with skin:

No exposure possible.

Contact with eyes:

No exposure possible.

Ingestion:

No exposure possible.

4.2. Most important symptoms and effects, both acute and delayed

None.

4.3. Indication of any immediate medical attention and special treatment needed

Show the safety data sheet or label/ packaging to a person providing first aid. Do not give anything to eat or drink to an unconscious person. Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media: use extinguishing media suitable for surrounding conditions.

Unsuitable Extinguishing Media: water jet

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5.2. Special hazards arising from the substance or mixture

Avoid breathing combustion products - they can be hazardous to health.

5.3. Advice for firefighters

People should be properly trained and equipped with proper clothing and safety equipment. Use fire resistant protective clothing, breathing apparatus and eye protection.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No special requirements.

6.2. Environmental precautions

Prevent from entering into soil, drains, sewers, waterways.

6.3. Methods and material for containment and cleaning up

Collect the released product into a suitable, lockable waste container.

6.4. Reference to other sections

Refer to Sections 8 and 13 of the safety data sheet.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

When using and storing the product, comply with the applicable occupational health and safety regulations.

7.2. Conditions for safe storage, including any incompatibilities

Store in originally packed and labelled boxes, in an ambient temperature, and well ventilated area. Keep away from heat sources and direct UV light.

7.3. Specific end use(s)

Not applicable.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Regulation of the Minister of Labor and Social Policy of June 6, 2014. on the highest allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws 2014 item 817). The product does not contain ingredients for which permissible concentrations of the working environment have been established.

8.2. Exposure controls

Appropriate engineering controls:

No special requirements.

Personal protection:

Eye/face protection: Not necessary

Skin protection: Not necessary

Respiratory protection: Not necessary

Hands protection: Not necessary

Thermal hazards:

During normal use, special protective equipment is not required. Protection of skin, eyes and respiratory system is obligatory while handling with hot product.

Environmental exposure controls:

Prevent from entering into soil, sewers, waterways.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- | | |
|---------------------|--|
| a) Appearance : | Solid – tape |
| b) Colour: | Transparent (other colours available upon request) |
| c) Odour: | Faint |
| d) Odour threshold: | Not determined |
| e) pH: | Not applicable |

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- f) Melting point/freezing point: 80°C
- g) Initial boiling point and boiling range: Not applicable
- h) Flash point: Not applicable
- i) Evaporation rate: Not determined
- j) Flammability (solid, gas): Not determined
- k) Upper/lower flammability or explosive limits: Not applicable
- l) Vapour pressure: Not applicable
- m) Vapour density: Not applicable
- n) Relative density: ca. 350 g/m²
- o) Solubility: Not soluble in water
- p) Partition coefficient n-octanol/water : Not available
- q) Auto-ignition temperature: Not applicable
- r) Decomposition temperature: Not determined
- s) Viscosity: Not applicable
- t) Explosive properties: Not applicable
- t) Oxidising properties : Not applicable

9.2. Other information

Solids content: 100%

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Low reactive substance/ mixture, does not undergo hazardous polymerization.

10.2. Chemical stability

Substance/ mixture is stable under normal ambient and anticipated storage and handling conditions.

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10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

High temperatures, flames, and other sources of ignition.

10.5. Incompatible materials

Strong acids, strong bases, high concentration of alcohols.

10.6. Hazardous decomposition products

Not known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

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:

Based on available data, the classification criteria are not met. High concentrations of vapours/mist or splash into the eye may cause irritation of the mucous membrane (inflammation, redness, tearing) or transient 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. DMSO extract content in mineral oil is less than 3% (according to IP 346).

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Reproductive toxicity:

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

STOT-single exposure:

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

STOT-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

Lack of test results for the product.

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

Bioconcentration is not expected.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

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13.1. Waste treatment methods

Product: Recycle or dispose of waste in compliance with current legislation. Do not discharge into drains. Waste code to be given at the place of its production.

Packaging: Recycle or dispose of waste in compliance with current legislation.

Community provisions on waste: Council Directive No. 75/442 / EEC on waste, Council Directive No. 91/689 / EEC on hazardous waste, Commission Decision No. 2000/532 / EC of May 3, 2000 giving list of waste, OJ No. L 226/3 of September 6, 2000, together with amending decisions.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number (ONZ number)	Not applicable
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	Not applicable
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

SECTION 15. REGULATORY INFORMATION

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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 Commission Regulation (EU) No 2015/830 of 28 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) Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 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

Polish regulation/legislation:

Ustawa z dnia 25 lutego 2011 r. o substancjach chemicznych i ich mieszaninach (Dz.U. 2011 nr 63 poz. 322; Dz.U. 2012 r. nr 0 poz. 908, Dz.U. 2015 nr 0 poz. 675)

Rozporządzenie Ministra Zdrowia z dnia 20 kwietnia 2012 r. w sprawie oznakowania opakowań substancji niebezpiecznych i mieszanin niebezpiecznych oraz niektórych mieszanin (Dz.U. 2012 nr 0 poz. 445; Dz.U. 2014 nr 0 poz. 145)

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Rozporządzenie Ministra Zdrowia z dnia 10 sierpnia 2012 r. w sprawie kryteriów i sposobu klasyfikacji substancji chemicznych i ich mieszanin (Dz.U. 2012 nr 0 poz. 1018; Dz.U. 2014 nr 0 poz. 6)
Rozporządzenie Ministra Zdrowia z dnia 2 lutego 2011 r. w sprawie badań i pomiarów czynników szkodliwych dla zdrowia w środowisku pracy (Dz.U. 2011 nr 33 poz. 166)
Rozporządzenie Ministra Pracy i Polityki Społecznej z dnia 6 czerwca 2014 r. w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy (Dz.U. 2014 poz. 817)
Rozporządzenia Ministra Gospodarki z dnia 21 grudnia 2005 r. w sprawie zasadniczych wymagań dla środków ochrony indywidualnej (Dz.U. z 2005 r. Nr 259, poz. 2173)

Rozporządzenie Ministra Zdrowia i opieki Społecznej z dnia 30 maja 1996 r. w sprawie przeprowadzania badań lekarskich pracowników, zakresu profilaktyki opieki zdrowotnej oraz orzeczeń lekarskich wydawanych do celów przewidzianych w Kodeksie pracy (Dz. U. z 1996 r. Nr 69, poz. 332; z 1997 r. Nr 60, poz. 375; z 1998 r. Nr 159, poz. 1057; z 2001 r. Nr 37, poz. 451; Nr 128, poz. 1405; ; z 2010 r. Nr 240, poz. 1611, Dz.U. 2015 nr 0 poz. 457)
Rozporządzenie Ministra Pracy i Polityki Socjalnej z dnia 26 września 1997 r. w sprawie ogólnych przepisów bezpieczeństwa i higieny pracy (tekst jednolity Dz.U. z 2003 r. Nr 169, poz. 1650; z 2007 r. Nr 49, poz. 330; z 2008 r. Nr 108, poz. 690; z 2011 r. Nr 173 poz. 1034)
Rozporządzenie Ministra Zdrowia z dnia 30 grudnia 2004 r. w sprawie bezpieczeństwa i higieny pracy związanej z występowaniem w miejscu pracy czynników chemicznych (Dz. U. z 2005 r. Nr 11, poz. 86; z 2008 r. Nr 203, poz. 1275, Dz.U. 2015 poz. 1097)
Ustawa z dnia 24 sierpnia 1991 r. o ochronie przeciwpożarowej (tekst jednolity Dz.U. 2016 poz. 191) Ustawa z dnia 19 sierpnia 2011 r. o przewozie towarów niebezpiecznych (Dz. U. z 2011 r. Nr 227, poz. 1367, Nr 244, poz. 1454, Dz.U. 2015 nr 0 poz. 1273, Dz.U. 2015 nr 0 poz. 1893) Ustawa z dnia 14 grudnia 2012 r. o odpadach (Dz.U. 2013 nr 0 poz. 21 z póź. zmianami).
Ustawa z dnia 13 czerwca 2013 r. o gospodarce opakowaniami i odpadami opakowaniowymi (Dz.U. 2013 nr 0 poz. 888). Rozporządzenie Ministra Środowiska z dnia 9 grudnia 2014 r. w sprawie katalogu odpadów (Dz.U. 2014 poz. 1923).

15.2. Chemical safety assessment

According to REACH regulation, a chemical safety assessment for this product is not required.

SECTION 15. REGULATORY INFORMATION

Legend to abbreviations and acronyms used in the safety data sheet:

vPvB Very persistent and very bioaccumulative (substance)
PBT Persistent, bioaccumulative and toxic (substance)

Advice on any training appropriate for workers to ensure protection of human health and the environment:

No special advice or training is suggested.

Exposure scenarios: not applicable - the product is not dangerous.

Information in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. Information provided herein serves only as guidelines for safe work, use, processing, storage, and waste management. It cannot be considered as a warranty or quality certificate. This information applies only to specific material designated and may not be suitable for such material used in combination with any other materials or in any other manner not described in this document.