

Palintest

Water Analysis Technologies

SAFETY DATA SHEET ALKAVIS TABLETS

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

1.1. Product identifier

| | |
|----------------|--|
| Product name | ALKAVIS TABLETS |
| Product number | SP614, AD-1922, AT-1920, SP117, AK192, AL004B, AL084B, AL192B, CM192, WAG-WE10300, CKH3105WAT, AP192 |
| UFI | UFI: UF90-J0JV-C001-5V75 |

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

| | |
|-----------------|---------------|
| Identified uses | Testing water |
|-----------------|---------------|

1.3. Details of the supplier of the safety data sheet

| | |
|----------|--|
| Supplier | PALINTEST LIMITED PALINTEST HOUSE TEAM VALLEY GATESHEAD TYNE & WEAR NE11 0NS ENGLAND TEL 0191 491 0808 FAX 0191 482 5372 palintest@palintest.com |
|----------|--|

1.4. Emergency telephone number

| | |
|-------------------------------------|---|
| Emergency telephone | +44 (0)207 858 1228 (24hr) |
| National emergency telephone number | NHS Direct: 0845 4647 (England and Wales) NHS 24: 08454 24 24 24 (Scotland) |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|-----------------------|--|
| Physical hazards | Not Classified |
| Health hazards | Skin Corr. 1B - H314 Eye Dam. 1 - H318 |
| Environmental hazards | Not Classified |

2.2. Label elements

Hazard pictograms



| | |
|-------------------|---|
| Signal word | Danger |
| Hazard statements | H314 Causes severe skin burns and eye damage. |

ALKAVIS TABLETS

| | |
|---|---|
| Precautionary statements | P264 Wash contaminated skin thoroughly after handling. |
| | P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| | P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| | P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| | P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | P501 Dispose of contents/ container in accordance with local regulations. |
| Supplementary precautionary statements | P260 Do not breathe vapour/ spray. |
| | P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| | P310 Immediately call a POISON CENTER/ doctor. |
| | P321 Specific treatment (see medical advice on this label). |
| | P363 Wash contaminated clothing before reuse. |
| P405 Store locked up. | |

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|----------------------------------|--|
| POTASSIUM HYDROGENSULFATE | 5-10% |
| CAS number: 7646-93-7 | EC number: 231-594-1 |
| | REACH registration number: N/A |
| Classification | |
| Skin Corr. 1B - H314 | |
| Eye Dam. 1 - H318 | |
| STOT SE 3 - H335 | |
| ADIPIC ACID | 3-5% |
| CAS number: 124-04-9 | EC number: 204-673-3 |
| | REACH registration number: 01-2119457561-38-XXXX |
| Classification | |
| Eye Irrit. 2 - H319 | |
| SODIUM DODECYL SULFATE | <2% |
| CAS number: 151-21-3 | EC number: 205-788-1 |
| | REACH registration number: 01-2119489461-32-XXXX |
| Classification | |
| Flam. Sol. 1 - H228 | |
| Acute Tox. 4 - H302 | |
| Acute Tox. 4 - H332 | |
| Skin Irrit. 2 - H315 | |
| Eye Dam. 1 - H318 | |
| STOT SE 3 - H335 | |
| Aquatic Chronic 3 - H412 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

ALKAVIS TABLETS

4.1. Description of first aid measures

| | |
|----------------------------|--|
| General information | Treat symptomatically. |
| Inhalation | Remove affected person from source of contamination. Move affected person to fresh air at once. Get medical attention. |
| Ingestion | Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. |
| Skin contact | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. |

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

| | |
|----------------------------|---|
| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | Irritation of nose, throat and airway. |
| Ingestion | May cause discomfort if swallowed. |
| Skin contact | Skin irritation. |
| Eye contact | May cause severe eye irritation. |

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

| | |
|-----------------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|-----------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|-------------------------------------|---|
| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. |
|-------------------------------------|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|--|
| Hazardous combustion products | No known hazardous decomposition products. |
|--------------------------------------|--|

5.3. Advice for firefighters

| | |
|---|---|
| Protective actions during firefighting | No specific firefighting precautions known. |
|---|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|---|
| Personal precautions | Wear protective clothing as described in Section 8 of this safety data sheet. |
|-----------------------------|---|

6.2. Environmental precautions

| | |
|----------------------------------|--|
| Environmental precautions | Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment. |
|----------------------------------|--|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for cleaning up | Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. |
|--------------------------------|--|

6.4. Reference to other sections

ALKAVIS TABLETS

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Avoid inhalation of dust and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Solid

Colour Beige.

Odour Odourless.

Solubility(ies) Soluble in water.

9.2. Other information

Other information No data available.

ALKAVIS TABLETS

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No data available.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects May be harmful if inhaled. May be harmful if swallowed.

Other health effects Causes severe skin burns and eye damage.

Acute toxicity - oral

Summary May be harmful if swallowed.

ATE oral (mg/kg) 73,619.63190184

Acute toxicity - dermal

Summary Causes severe skin burns and eye damage.

Acute toxicity - inhalation

Summary May be harmful if inhaled. May cause respiratory irritation.

ATE inhalation (dusts/mists mg/l) 92.02453988

Skin corrosion/irritation

Summary Causes severe skin burns and eye damage.

Serious eye damage/irritation

Summary Causes severe skin burns and eye damage.

Inhalation May be harmful if inhaled. May cause respiratory irritation.

Ingestion May be harmful if swallowed.

Skin contact Causes severe skin burns and eye damage.

Eye contact Causes severe skin burns and eye damage.

ALKAVIS TABLETS

SECTION 12: Ecological information

Ecotoxicity There are no data on the ecotoxicity of this product. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity No data available.

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

Road transport notes The product is not classified as packaged as per ADR section 3.5.1.4

Sea transport notes The product is not classified as packaged as per IMDG section 3.5.1.4

Air transport notes The product is not subject to the requirements of IATA as packaged based upon "De Minimis Quantities" as per IATA Dangerous Goods Regulations subsection 2.6.10.1

14.1. UN number

UN No. (ADR/RID) 3260

UN No. (IMDG) 3260

UN No. (ICAO) 3260

14.2. UN proper shipping name

Proper shipping name (ADR/RID) CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

Proper shipping name (IMDG) CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

Proper shipping name (ICAO) CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

Proper shipping name (ADN) CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

14.3. Transport hazard class(es)

ADR/RID class 8

ALKAVIS TABLETS

| | |
|---------------------|---|
| ADR/RID label | 8 |
| IMDG class | 8 |
| ICAO class/division | 8 |

Transport labels



14.4. Packing group

| | |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group | III |
| ICAO packing group | III |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

| | |
|--|----------|
| EmS | F-A, S-B |
| Emergency Action Code | 2X |
| Hazard Identification Number (ADR/RID) | 80 |
| Tunnel restriction code | (E) |

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

SECTION 15: Regulatory information

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

| | |
|----------------|--|
| EU legislation | 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 (as amended). |
|----------------|--|

15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

| | |
|-------------------|--|
| Revision comments | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Issued by | L. Morgan |
| Revision date | 07/01/2021 |
| Revision | 15 |
| Supersedes date | 22/12/2020 |
| SDS status | Approved. |

ALKAVIS TABLETS

Hazard statements in full

H228 Flammable solid.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.