

Palintest

Water Analysis Technologies

SAFETY DATA SHEET NITRICOL TABLET

According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR)

1. Identification

Product identifier

Product name NITRICOL TABLET

Product number AK109, CM109, ST-2240, SK200, PTH0503M, SKW400, SKW400NPK, SKW500, PTW10480, PTW10010, PTW10010XA, PTW10030XA, PTW10030, AT1094KUS, AP109, AP163, AK163, AKW109, APW109, APW163, AKW163, PM163, SK500, SK400NPK, SK400, SK300, PM109, WAG-WE10480RPU, SKR001, CM163, PTW10800, PTH054CN

Recommended use of the chemical and restrictions on use

Restriction on use Testing water

Details of the supplier of the safety data sheet

Supplier PALINTEST USA
400 CORPORATE CIRCLE
SUITE J
GOLDEN
COLORADO
80401
USA
Tel: (720) 221-6878
Fax: (720) 496-4766
info@palintestusa.com

Emergency telephone number

Emergency telephone +44 (0)207 858 1228 (24hr)

National emergency telephone number +44 (0)207 858 1228 (24hr) +44 (0)207 858 1228 (24hr)

2. Hazard identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 1B - H360FD

Environmental hazards Not Classified

Label elements

Hazard pictograms



Signal word

Danger

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Hazard statements	H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H360FD May damage fertility. May damage the unborn child.
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. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
Contains	BORIC ACID, POTASSIUM HYDROGENSULPHATE, SULPHANILIC ACID

3. Composition/information on ingredients

Mixtures

BORIC ACID	60-80%
CAS number: 10043-35-3	
Classification Repr. 1B - H360FD	
POTASSIUM HYDROGENSULPHATE	10-20%
CAS number: 7646-93-7	
Classification Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	
SULPHANILIC ACID	5-10%
CAS number: 121-57-3	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Rinse mouth thoroughly with water. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Rinse immediately with plenty of water. 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. Show this Safety Data Sheet to the medical personnel.

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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. May damage fertility or the unborn child.
Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.
Skin contact	May cause serious chemical burns to the skin.
Eye contact	May cause blurred vision and serious eye damage.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
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Specific hazards arising from the hazardous product

Hazardous combustion products	Heating may generate the following products: Toxic and corrosive gases or vapours.
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Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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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.
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Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
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Reference to other sections

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

Precautions for safe handling

Usage precautions	Good personal hygiene procedures should be implemented.
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Conditions for safe storage, including any incompatibilities

Storage precautions	Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in tightly-closed, original container in a dry and cool place.
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Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.
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8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

BORIC ACID

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³

Short-term exposure limit (15-minute): ACGIH 6 mg/m³

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

Ingredient comments

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit. ACGIH = US Standard.

Exposure controls

Protective equipment



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: Chemical splash goggles.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. It is recommended that gloves are made of the following material: Nitrile rubber.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash promptly if skin becomes contaminated.

Respiratory protection

Due to the physical nature of this product, exposure by this route is unlikely. No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid
Colour	White.
Odour	Odourless.
Solubility(ies)	Soluble in water.
Other information	No data available.

10. Stability and reactivity

Reactivity

There are no known reactivity hazards associated with this product.

Stability

Stable under the prescribed storage conditions.

Conditions to avoid

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

Materials to avoid

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

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Hazardous decomposition products There are no anticipated hazardous decomposition products associated with this material.

11. Toxicological information

Information on toxicological effects

Toxicological effects This product is toxic.

12. Ecological information

Ecotoxicity 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.

Toxicity No data available.

Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is soluble in water.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

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

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

UN number

UN No. (TDG) 2509

UN No. (IMDG) 2509

UN No. (ICAO) 2509

UN No. (DOT) 2509

UN proper shipping name

Proper shipping name (TDG) POTASSIUM HYDROGEN SULPHATE

Proper shipping name (IMDG) POTASSIUM HYDROGEN SULPHATE

Proper shipping name (ICAO) POTASSIUM HYDROGEN SULPHATE

Proper shipping name (DOT) POTASSIUM HYDROGEN SULPHATE

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Transport hazard class(es)

TDG class	8
TDG label(s)	8
IMDG class	8
ICAO class/division	8

Transport labels



Packing group

TDG packing group	II
IMDG packing group	II
ICAO packing group	II
DOT packing group	II

Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

Special precautions for user

EmS F-A, S-B

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

15. Regulatory information

Inventories

Canada – DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US – TSCA 12(b) Export Notification

None of the ingredients are listed.

16. Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	L. Morgan
Revision date	2019-02-18
Revision	23
Supersedes date	2018-07-31
SDS status	Approved.

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Hazard statements in full

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H360FD May damage fertility. May damage the unborn child.

H360FD May damage fertility if swallowed. May damage the unborn child if swallowed.

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.