

Palintest

Water Analysis Technologies

SAFETY DATA SHEET NITRICOL TABLET

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name NITRICOL TABLET

Product number PTH054CN, PT225OX, 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, CKH0225OX

Recommended use of the chemical and restrictions on use

Application 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(s) 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 symbols



Signal word

Danger

NITRICOL TABLET

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/ 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
Other hazards	
	Causes eye burns Causes skin burns May cause allergic skin reaction

3. Composition/information on ingredients

Mixtures

BORIC ACID	60-80%
-------------------	---------------

CAS number: 10043-35-3

This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES.

Classification

Repr. 1B - H360FD

POTASSIUM HYDROGENSULFATE	10-20%
----------------------------------	---------------

CAS number: 7646-93-7

Classification

Skin Corr. 1B - H314
Eye Dam. 1 - H318
STOT SE 3 - H335

SULFANILIC ACID	5-10%
------------------------	--------------

CAS number: 121-57-3

Classification

Skin Irrit. 2 - H315
Eye Irrit. 2A - 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.

NITRICOL TABLET

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.

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 immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

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

Special hazards arising from the substance or mixture

Hazardous combustion products Heating may generate the following products: Toxic and corrosive gases or vapors.

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

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.

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.

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.

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

7. Handling and storage

Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented.

Conditions for safe storage, including any incompatibilities

NITRICOL TABLET

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

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

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
Color	White.
Odor	Odorless.
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.

NITRICOL TABLET

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.
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. May cause an allergic skin reaction.
Other health effects	Causes severe skin burns and eye damage. May damage fertility or the unborn child if swallowed.
<u>Acute toxicity - oral</u>	
Summary	May damage fertility or the unborn child if swallowed.
<u>Acute toxicity - dermal</u>	
Summary	Causes severe skin burns and eye damage. May cause an allergic skin reaction.
<u>Acute toxicity - inhalation</u>	
Summary	May cause respiratory irritation.
<u>Skin corrosion/irritation</u>	
Summary	Causes severe skin burns and eye damage.
<u>Serious eye damage/irritation</u>	
Summary	Causes serious eye damage.
<u>Reproductive toxicity</u>	
Summary	May damage fertility or the unborn child if swallowed.

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.
<u>Persistence and degradability</u>	
Persistence and degradability	There are no data on the degradability of this product.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	No data available on bioaccumulation.
<u>Mobility in soil</u>	
Mobility	The product is soluble in water.
<u>Other adverse effects</u>	
Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods

NITRICOL TABLET

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

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
No.

Special precautions for user

EmS F-A, S-B

NITRICOL TABLET

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

15. Regulatory information

US Federal Regulations

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed.

SARA 313 Emission Reporting

None of the ingredients are listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

Massachusetts "Right To Know" List

None of the ingredients are listed.

Rhode Island "Right To Know" List

None of the ingredients are listed.

Minnesota "Right To Know" List

None of the ingredients are listed.

New Jersey "Right To Know" List

None of the ingredients are listed.

Pennsylvania "Right To Know" List

None of the ingredients are listed.

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 or exempt.

16. Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	L. Morgan
Revision date	5/26/2021
Revision	26
Supersedes date	12/21/2020
SDS status	Approved.

NITRICOL TABLET

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.