

Palintest

Water Analysis Technologies

SAFETY DATA SHEET IRON LR TABLETS

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

1. Identification

Product identifier

Product name IRON LR TABLETS

Product number PTH054CN, SPH7010E, SPH7010AUST, SPH7010HO, AK155, SPH7010US, AP155, PM155, ST-2380, SP709US, SP725AUST, SPR7009US, SPH7009E, SPH7025E, SPR7009E, SPR7025E, SPH7025US, SPR7025US, SPR7025AUST, SPH7025AUST, SPR7009AUST, SP709AUST, SPH7009AUST, SPH7009US, SP725US, SP709E, SP725E, WAG-WE10330, WAG-WE10136

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)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318

Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Danger

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Hazard statements	H318 Causes serious eye damage.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a poison center/ doctor.
Contains	SODIUM METABISULFITE

Other hazards

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

3. Composition/information on ingredients

Mixtures

SODIUM METABISULFITE	20-30%
CAS number: 7681-57-4	

Classification

Acute Tox. 4 - H302
Eye Dam. 1 - H318

BORIC ACID

<5.5%

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

3-(2-PYRIDYL)-5, 6-BIS(4-PHENYL-SULFONIC ACID)-1, 2, 4 -TRIAZINE DISODIUM SALT

<1%

CAS number: 69898-45-9

Classification

Skin Irrit. 2 - H315
Eye Irrit. 2A - H319
STOT SE 3 - H335

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

4. First-aid measures

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.

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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.

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 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 No known hazardous decomposition products.

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 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.

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. Avoid inhalation of dust and contact with skin and eyes.

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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, fertilizers and other sensitive material.

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

SODIUM METABISULFITE

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³

A4

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 Due to the hazardous nature of ingredients, exposure should be minimal.

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

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a suitable dust mask.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid
Color	Yellow.
Odor	Odorless.
Other information	No data available.

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10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Avoid contact with acids.
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	Heating may generate the following products: Toxic and corrosive gases or vapors.

11. Toxicological information

Information on toxicological effects

Toxicological effects	May be harmful if swallowed.
Other health effects	Causes serious eye damage.
<u>Acute toxicity - oral</u>	
Summary	May be harmful if swallowed.
ATE oral (mg/kg)	7,669.32
<u>Acute toxicity - dermal</u>	
Summary	Causes serious eye damage.
<u>Acute toxicity - inhalation</u>	
Summary	May cause respiratory irritation.
<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.
Inhalation	May cause respiratory irritation.
Ingestion	May be harmful if swallowed.
Eye contact	Causes serious eye damage.

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>	

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Bio-Accumulative 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

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance
No.

Special precautions for user

Not applicable.

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

15. Regulatory information

US Federal Regulations

SARA 313 Emission Reporting
None of the ingredients are listed.

CAA Accidental Release Prevention
None of the ingredients are listed.

US State Regulations

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California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

Massachusetts "Right To Know" List

SODIUM METABISULFITE

Rhode Island "Right To Know" List

SODIUM METABISULFITE

Minnesota "Right To Know" List

SODIUM METABISULFITE

New Jersey "Right To Know" List

SODIUM METABISULFITE

Pennsylvania "Right To Know" List

SODIUM METABISULFITE

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	12/22/2020
Revision	17
Supersedes date	7/10/2020
SDS status	Approved.
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. 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.