



MATERIAL SAFETY DATA SHEET
MANGANESE NO 2 TABLET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	MANGANESE NO 2 TABLET
PRODUCT NO.	X-174
PRODUCT USE	TESTING WATER
SUPPLIER	PALINTEST USA 21 KENTON LANDS ROAD ERLANGER KENTUCKY 41018 USA TEL 859 341 7423 TOLL FREE 800 835 9629 FAX 859 341 2106 INFO@palintestusa.com
EMERGENCY TELEPHONE	0191 491 0808 (Mon-Fri 08:45 - 16:45)

2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION

No specific health warnings noted. Dust may irritate throat and respiratory system and cause coughing.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Skin irritation is not anticipated when used normally.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

ROUTE OF ENTRY

Skin and/or eye contact. Ingestion.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
LEUCOMALACHITE GREEN	204-961-9	129-73-7	< 1%
POTASSIUM CHLORIDE		7447-40-7	60-100%
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	1-5%

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Get medical attention.

SKIN CONTACT

Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

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6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used.

SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

HANDLING

Read and follow manufacturer's recommendations.

STORAGE

Keep in original container. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

No specific hand protection noted, but gloves may still be advisable.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	White
ODOR	Odorless

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No information available.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product. The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

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TRANSPORT NOTES

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

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
POTASSIUM CHLORIDE	DSL	Yes.						
SODIUM HYDROGEN CARBONATE	DSL	Yes.						
LEUCOMALACHITE GREEN	DSL	Yes.						

COMPONENT	TSCA 12(b) Export Notification
POTASSIUM CHLORIDE	No.
SODIUM HYDROGEN CARBONATE	No.
LEUCOMALACHITE GREEN	No.

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
POTASSIUM CHLORIDE		Not Listed	No.
SODIUM HYDROGEN CARBONATE		Not Listed	No.
LEUCOMALACHITE GREEN		Not Listed	No.

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
POTASSIUM CHLORIDE	Not Listed
SODIUM HYDROGEN CARBONATE	Not Listed
LEUCOMALACHITE GREEN	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
POTASSIUM CHLORIDE	7447-40-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
SODIUM HYDROGEN CARBONATE	144-55-8	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
LEUCOMALACHITE GREEN	129-73-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

16 OTHER INFORMATION

VERSION No. 1
 SAFETY DATA SHEET STATUS
 Approved.
 DATE 26 April 2010
 SIGNATURE D Ellis

DISCLAIMER

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