



MATERIAL SAFETY DATA SHEET

PHENOL RED CLEAR

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME PHENOL RED CLEAR
 PRODUCT NO. X-131
 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

Poses little or no immediate hazard.

POTENTIAL HEALTH EFFECTS

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Powder may irritate skin.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
AMMONIUM THIOSULPHATE	231-982-0	7783-18-8	< 1%
CALCIUM GLUCONATE	206-075-8	66905-23-5	< 1%
CELLULOSE GUM		9004-32-4	1-5%
PHENOL RED INDICATOR		34487-61-1	< 1%
POTASSIUM CHLORIDE		7447-40-7	60-100%

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

4 FIRST-AID MEASURES

INHALATION

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

INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT

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

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

PHENOL RED CLEAR

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE

HANDLING

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

STORAGE

Store in tightly closed original container in a dry and cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

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	Red brown
ODOR	Odorless
SOLUBILITY	Soluble in water.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No information available.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

PHENOL RED CLEAR

14 TRANSPORT INFORMATION

TRANSPORT NOTES	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
ROAD TRANSPORT NOTES	Not Classified
RAIL TRANSPORT NOTES	Not Classified.
SEA TRANSPORT NOTES	Not Classified.
AIR TRANSPORT NOTES	Not Classified.

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
POTASSIUM CHLORIDE	DSL	Yes						
PHENOL RED INDICATOR	DSL	Yes						
AMMONIUM THIOSULPHATE	DSL	Yes						
CALCIUM GLUCONATE	DSL	Yes						
CELLULOSE GUM	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
POTASSIUM CHLORIDE	No
PHENOL RED INDICATOR	No
AMMONIUM THIOSULPHATE	No
CALCIUM GLUCONATE	No
CELLULOSE GUM	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
POTASSIUM CHLORIDE		Not Listed	No
PHENOL RED INDICATOR		Not Listed	No
AMMONIUM THIOSULPHATE		Not Listed	No
CALCIUM GLUCONATE		Not Listed	No
CELLULOSE GUM		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
POTASSIUM CHLORIDE	Not Listed
PHENOL RED INDICATOR	Not Listed
AMMONIUM THIOSULPHATE	Not Listed
CALCIUM GLUCONATE	Not Listed
CELLULOSE GUM	Not Listed

PHENOL RED CLEAR

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
PHENOL RED INDICATOR	34487-61-1	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
AMMONIUM THIOSULPHATE	7783-18-8	Not Listed	Not Listed	Yes	Not Listed	Not Listed	Yes	Not Listed
CALCIUM GLUCONATE	66905-23-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
CELLULOSE GUM	9004-32-4	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 2 December 2009

SIGNATURE D Ellis

DISCLAIMER

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.