

SAFETY DATA SHEET : Inoculo Soil Acidity [pH] Test KIT**Identification : Non-dangerous goods for domestic consumer use.**

USA Agriculture Department Exemptions : 29CFR1910.1216(b)(6), and 1200 (b)(5)(vi)

Product Code : Chemwatch Australia 8192-87

UN Number : None Allocated

Soil Test [pH] Dye Indicator

The elements that make up this liquid are not classified as dangerous according to Directive 67/548 / EEC

Hazchem Code : the elements that make up this liquid are not classified as hazardous according to criteria of NOHSC

Poisons Schedule Number : None allocated

Use pH Indicator of soils and general laboratory reagent.

Physical Description and Properties:-

Boiling Point : 100-102 degree Celsius

Appearance : Green / Green red liquid

<i>Ingredients</i>	<i>CAS Number</i>	<i>Proportions</i>
Bromocresol Green	76-60-8	less than 1.0 %
Bromocresol Purple	115-40-2	less than 1.0 %
Phenol Red	143-74-8	less than 1.0 %
Sodium Hydroxide	1310-73-2	less than 1.0 %
Water	7732-18-5	99 %

Health Hazard Information:-

No evidence of carcinogenic properties.

No evidence of mutagenic or teratogenic effects.

Hazardous properties cannot be excluded but are unlikely when handled appropriately. The product should be handled with the appropriate care.

First Aid Information: Universal Liquid Indicator

Eye contact: Irrigate thoroughly with water for 15 minutes, if discomfort persists seek medical attention.

Inhalation : remove from exposure.

Skin Contact : wash thoroughly with soap and water.

Ingestion : wash out mouth thoroughly with water.

Advise to doctor – treat symptomatically.

Precautions for Use in Large quantities:

Exposure standards – None assigned for Australia TWA, STEL or UK

Engineering Controls – as appropriate to quantity, extraction hood.

Personal protection: for large quantities

Gloves rubber or plastic

Eye Protection: Goggles or face shield

Other precautions: plastic apron, sleeves, & boots – if handling large quantities.

Barium Sulfate Powder

Identification : Non-dangerous goods

Product Name : Barium Sulfate

Other Names Barytes [Natural] Basofor, Blanc Fixe [Artificial } ,Precipitated

Dangerous Goods Class : None allocated

Hazchem Code N/A

Poisons Schedule N/A

Uses – weighing mud in oil drilling, paper coatings. paints filler and delustrant for textiles, rubber, plastics, and lithograph inks, base for lake colours, X Ray photography, opaque medium for gastrointestinal radiography, in battery plate expanders.

Physical Description / Properties

Appearance : white or yellowish, odorless, tasteless powder.

Formulae Ba SO₄

Specific Gravity: 4.3 [water 1]

Acidity pH : 7 [4 to 9] 150 gr/litre

Solubility in Water : N/A [25 deg C]

Chemical Entity	CAS Number	Proportions [%]
BARIUM SULPHATE	7727-43-7	greater than 99

Health Hazard : - SLIGHT

Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP or OSHA.

No hazards expected in normal industrial use.

Material is nonflammable, does not burn or support combustion.

Material is stable inert, hazardous polymerization will not occur, decomposition will not occur.

Health Effects for large volumes:

No hazard expected in normal use, dust may cause mechanical irritation of eye or skin.

No Hazard expected in normal industrial use

Health Effect – Chronic Exposure Ingestion:

Repeated exposure may cause baritosis, a benign condition characterized by the decomposition of particulate matter in the lung, not life threatening.

First Aid for large volumes:

Swallowed: if victim is conscious and alert, give 2 – 4 cups of milk or water to drink, Seek medical attention urgently

EYE: Immediately flush eyes with plenty of water for at least 15 minutes, lifting the upper and lower lids, seek medical attention.

Inhaled: remove from exposure to fresh air immediately, seek medical attention.

ADVICE to Doctor – there is no specific antidote, treat symptomatically based on Doctors judgement and patients reactions.

Toxicity Data :

Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP or OSHA.

Harmful by inhalation or ingestion