



MATERIAL SAFETY DATA SHEET

OP-B

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME OP-B
 PRODUCT NO. X-264
 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
 Not relevant at normal room temperatures. When heated, irritating vapors may be formed.

INGESTION
 May cause internal injury.

SKIN CONTACT
 Skin irritation is not anticipated when used normally.

EYE CONTACT
 Risk of serious damage to eyes.

ROUTE OF ENTRY
 Skin and/or eye contact. Ingestion.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
AMMONIUM MOLYBDATE	234-320-9	12054-85-2	1-5%
BORACIC ACID		10043-35-3	60-100%
POTASSIUM ANTIMONY TARTRATE	234-293-3	28300-74-5	< 1%
SODIUM METABISULPHITE	231-673-0	7681-57-4	10-30%

4 FIRST-AID MEASURES

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

INGESTION
 Get medical attention immediately!

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

EYE CONTACT
 Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital taking along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Eye contact MUST be prevented by means of suitable personal protection equipment.

7 HANDLING AND STORAGE

HANDLING

Read and follow manufacturer's recommendations.

STORAGE

Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
AMMONIUM MOLYBDATE	ACGIH		0,5 mg/m ³			A3, as Mo
AMMONIUM MOLYBDATE	PEL		5 mg/m ³			as Mo
BORACIC ACID	ACGIH		2 mg/m ³		6 mg/m ³	A4
SODIUM METABISULPHITE	ACGIH		5 mg/m ³			A4
COMPONENT						IDLH
AMMONIUM MOLYBDATE						1000 mg/m ³

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classified as a Human Carcinogen

A3 = Confirmed animal Carcinogen with unknown relevance to humans

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Goggles/face shield are recommended.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	White
ODOR	Odorless
SOLUBILITY	Soluble in water

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No information available.

12 ECOLOGICAL INFORMATION

OP-B

ECOTOXICITY

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

TRANSPORT NOTES

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

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
SODIUM METABISULPHITE	DSL	Yes						
BORACIC ACID	No	No		Yes				
POTASSIUM ANTIMONY TARTRATE	DSL	No						
AMMONIUM MOLYBDATE	No	No						

COMPONENT	TSCA 12(b) Export Notification
SODIUM METABISULPHITE	No
BORACIC ACID	No
POTASSIUM ANTIMONY TARTRATE	No
AMMONIUM MOLYBDATE	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
SODIUM METABISULPHITE		Not Listed	No
BORACIC ACID		Not Listed	No
POTASSIUM ANTIMONY TARTRATE		100 lbs	No
AMMONIUM MOLYBDATE		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
SODIUM METABISULPHITE	Not Listed
BORACIC ACID	Not Listed
POTASSIUM ANTIMONY TARTRATE	Not Listed
AMMONIUM MOLYBDATE	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
SODIUM METABISULPHITE	7681-57-4	Not Listed	Yes	Yes	Yes	Yes	Yes	Yes
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
POTASSIUM ANTIMONY TARTRATE	28300-74-5	Not Listed	Not Listed	Yes	Not Listed	Yes	Yes	Not Listed
AMMONIUM MOLYBDATE	12054-85-2	Not Listed	Not Listed	Not Listed	Yes	Not Listed	Not Listed	Not Listed

16 OTHER INFORMATION

VERSION No.	1
SAFETY DATA SHEET STATUS	
Approved.	
DATE	8 Jan 2010
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.