



MATERIAL SAFETY DATA SHEET

SILICA NO 2

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME SILICA NO 2
 PRODUCT NO. X-182
 PRODUCT USE TESTING WATER
 SUPPLIER PALINTEST USA
 21 KENTON LANDS ROAD
 ERLANGER
 KENTUCKY
 41018
 USA
 TEL 859 341 7423
 TOLL FREE 800 835 9629
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2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION
 Not relevant at normal room temperatures. When heated, irritating vapors may be formed.

INGESTION
 May cause discomfort if swallowed.

SKIN CONTACT
 Skin irritation is not anticipated when used normally.

EYE CONTACT
 Irritating to eyes.

HEALTH WARNINGS
 Irritating to eyes. Irritating to eyes.

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	30-60%
CITRIC ACID	201-069-1	77-92-9	10-30%

4 FIRST-AID MEASURES

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

INGESTION
 Get medical attention.

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 for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists continue rinsing and transport to hospital taking these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
 Use fire-extinguishing media appropriate for surrounding materials.

SILICA NO 2

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

Collect in containers and seal securely.

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
BORACIC ACID	ACGIH		2 mg/m ³		6 mg/m ³	A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classified as a Human Carcinogen

PROTECTIVE EQUIPMENT



HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

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. 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

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the 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).

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15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
BORACIC ACID	No	No		Yes				
CITRIC ACID	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
BORACIC ACID	No
CITRIC ACID	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
BORACIC ACID		Not Listed	No
CITRIC ACID		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
BORACIC ACID	Not Listed
CITRIC ACID	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
CITRIC ACID	77-92-9	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 8 Jan 2010

SIGNATURE D Ellis

DISCLAIMER

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