



MATERIAL SAFETY DATA SHEET

Product:**036318 Polishing Compound, Fine****(Contained in Kit # 036313)**

DIONEX Corporation
1228 Titan Way
P.O. Box 3603
Sunnyvale, California 94088-3603

Emergency Phone: 1-800-424-9300 (CHEMTREC)
Information Phone: (408) 737-0700
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The following information is believed to be accurate and is currently the best information available to us. However, we make no warranties, express or implied, with respect to the information supplied and we assume no liability resulting from its use.

2. HAZARDOUS IDENTIFICATION

HAZARD CLASS	Mild Irritant		NFPA	HMIS
Eyes:	Mild Irritant	HEALTH	2	2
Skin:	Mild Irritant	FLAMMABILITY	0	0
Ingestion:	Mild Irritant	REACTIVITY	1	1
Inhalation:	Mild Irritant	NFPA SPECIAL	-	-
		HMIS PPE		

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	Aluminum Oxide	Titanium Oxide
PERCENT (%)	96	3
CAS NO.	1344-28-1	13463-67-7
EINECS NO.	215-691-6	236-675-5
RISKS		
SAFETY		S20, S26, S36/37/39, S45



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4. FIRST AID MEASURES

- GENERAL:** Remove contaminated clothing, wash thoroughly before reuse.
- EYES:** Flush with water for at least 15 minutes occasionally raising upper and lower eyelids.
- SKIN:** Remove contaminated clothing and flush with water thoroughly
- INHALATION:** Move to fresh air
- INGESTION:** If large amounts are swallowed, get medical help immediately. If patient is conscious, give large quantities of water

5. FIRE FIGHTING MEASURES

- UNUSUAL FIRE AND EXPLOSION:** None Known
- HAZARDS:** Mild Irritant
- EXTINGUISHING MEDIA:** Not Applicable
- SPECIAL FIRE FIGHTING PROCEDURES:** Although the product is not combustible, firefighters subject to products of combustion should wear full-protective clothing including self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

- Ventilate area.
- Wear appropriate protective clothing and eye protection.
- Contain spill.
- Collect or absorb with an inert material (vermiculite, dry sand, earth, etc.)
- Mop up and store in a suitable waste container.
- Wash contaminated areas with soap and water.

7. HANDLING AND STORAGE

- Ensure good ventilation.
- Have an eye wash in the immediate area in case of emergency.
- Store at room temperature
- Keep container tightly closed
- Use good laboratory practice when working with any chemical whether it is considered hazardous or not.



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8. EXPOSURE CONTROL/PERSONAL PROTECTION

ROUTES OF ENTRY

INHALATION: Yes

SKIN: Yes

INGESTION: Yes

HEALTH HAZARDS

ACUTE: May cause irritation of eyes and mucous membranes

CHRONIC: Unknown

VENTILATION

LOCAL EXHAUST: Good laboratory ventilation is acceptable.

MECHANICAL (GENERAL): Use in hoods if possible

SPECIAL: None

OTHER: None

PROTECTIVE CLOTHING OR EQUIPMENT

GLOVES: Disposable laboratory gloves are adequate

EYE PROTECTION: Glasses or goggles.

RESPIRATORY: None

OTHER: Lab coats

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brown powder

ODOR: None

pH: Not Applicable

MOLECULAR WEIGHT: Not Applicable

MELTING POINT: 2040 degrees C

BOILING POINT:

AUTOIGNITION TEMPERATURE: Undetermined

FLASH POINT: Undetermined

LOWER EXPLOSION LIMIT: Undetermined

UPPER EXPLOSION LIMIT: Undetermined

SPECIFIC GRAVITY: 3.97



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10. STABILITY & REACTIVITY

STABILITY/CONDITIONS TO AVOID: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, Strong bases

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGY INFORMATION

PRODUCT TOXICOLOGY INFORMATION:

SYMPTOMS AND SIGNS OF EXPOSURE: May cause minor soreness or redness of eyes or mucous membranes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown

EMERGENCY AND FIRST AID PROCEDURES: In case of contact, wash skin with copious amounts of water.
Flush eyes with copious amounts of water for at least 15 minutes.
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Submit to medical examination.

CARCINOGENICITY: No data found

RTECS #: No data found

ACGIH TLV TWA: No data found

OSHA PEL: No data found

NTP: No data found

IARC Monographs: No data found

HAZARDOUS COMPONENT TOXICOLOGY INFORMATION:

Hazardous Components:	Aluminum Oxide	Titanium Oxide
RTECS #	BD1200000	XR2275000
OSHA PEL	15 mg/cubic meter	15 mg/cubic meter
ACGIH TLV	10 mg/cubic meter	10 mg/cubic meter

TOXICITY DATA



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12. ECOLOGICAL INFORMATION

No information is found on environmental toxicity for this solution

13. DISPOSAL CONSIDERATIONS

Contact local hazardous materials or chemical waste disposal agency for regulations.

14. TRANSPORT INFORMATION

IATA CLASSIFICATION: Not Regulated

UN ID NUMBER: -
PROPER SHIPPING NAME: -
CLASS OR DIVISION: -
SUB RISK: -
HAZARD LABEL(S): -
PACKAGING GROUP: -
LIMITED QUANTITY PKG INSTRUCTION: -
MAXIMUM LIMITED QUANTITY: -
SPECIAL PROVISIONS: -
ERG CODE: -
TRAINING: -
VARIATIONS: -

15. REGULATORY INFORMATION

PRODUCT RISK STATEMENTS: R37 Irritating to the respiratory system
PRODUCT SAFETY STATEMENTS: S22 Do not breathe dust
S36 Wear suitable protective clothing
S38 In case of insufficient ventilation, wear suitable respiratory equipment

16. OTHER INFORMATION