



Safety Data Sheet

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1. IDENTIFICATION	
Product: Sapphire P/N 915079.901 9154079.902, 915079.903, 970345.901, 970370.901.	MSDS #: 901126.001
Product Use: For laboratory use only.	Date: Rev C, January 31, 2013

2. HAZARDS IDENTIFICATION:
 The product is not hazardous in the form in which it is placed on the market and under the normal and recommended conditions of storage and use. The product is considered an article and is not dangerous according to the criteria set by the European Union (EU) or GHS.

The small quantities supplied in our products are unlikely to cause severe or immediate health effects. Use only as directed and in accordance with safe laboratory practices.

3. COMPOSITION/INFORMATION ON INGREDIENTS:						
				EXPOSURE LIMITS		
CHEMICAL INGREDIENT NAME	CAS NUMBER	EC NUMBER	% by Weight	OSHA	ACGIH	EU IOELV
Aluminum oxide	1344-28-1	215-691-6	>99	NA	NA	NA

Notes: Material is provided as thin disks of various diameters, for use only as calibrants for thermal instruments.

4. FIRST AID MEASURES:

Inhalation: No special measures required.
 Skin Contact: No special measures required. Flush with water.
 Eye Contact: Immediately flush with water for a minimum of 15 minutes.
 Ingestion: Get medical attention.

After following first aid measures, seek medical attention.

5. FIRE-FIGHTING MEASURES:

Flammable Properties: Not flammable.
 Extinguishing Media: Dry chemical, carbon dioxide or appropriate foam.
 Unique Aspects Contributing To a Fire: None.
 Special Fire Fighting Procedures: None.
 Note: As in any fire, wear self-contained breathing apparatus, and full protective gear.

6. ACCIDENTAL RELEASE MEASURES: Sweep up and place wastes into closed containers for proper disposal.

7. HANDLING AND STORAGE: Handle as directed and in accordance with safe laboratory practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Handle in accordance with safe laboratory practices.

Respiratory Protection: Not normally needed.
 Eye Protection: Safety glasses with side protection.
 Skin Protection: No special requirements. Disposable nitrile are acceptable for light intermittent exposure.
 Engineering Controls: No special requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear to white transparent disks

Physical State: Solid	Flash Point: NA	Vapor Pressure: NA
Odor: None	Explosion Limits: NA	Vapor Density (air=1): NA
pH: NA	Boiling Point: NA	Solubility in Water: Insoluble
Specific Gravity: 4 g/ml at 68 °F (20 °C)	Melting Point: 3713°F (2030 °C)	Other: NA

10. STABILITY AND REACTIVITY:

Hazardous Polymerization Will Not Occur May Occur

Stability: Stable

<u>Hazardous Decomposition/Combustion Products:</u> NA	<u>Conditions & Materials to Avoid:</u> NA
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11. TOXICOLOGICAL INFORMATION:

Primary Route(s) of Exposure under Normal Use: None.

Target Organ(s): NA

Acute Effects: NA

Chronic Effects: NA

Other Information: Chemical Ingredient(s) not classified as carcinogen(s) by OSHA, IARC, NTP, ACGIH, or California.

12. ECOLOGICAL INFORMATION: Not regarded as dangerous to the environment.

13. DISPOSAL CONSIDERATIONS: Consult state, local or national regulations for proper disposal. The U.S. Environmental Protection Agency (EPA) does not classify unused product as hazardous waste.

14. TRANSPORT INFORMATION: Not Dangerous Goods. Not Regulated.

<u>IATA/ICAO:</u> Shipping Name: NA Hazard Class: NA UN/NA #: NA Packing Group #: NA	IMDG: NA ADR: NA
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15. REGULATORY INFORMATION:

U.S. TOSCA: Listed.

Canada: This product has been classified according to the hazard criteria of the Controlled Product Registration (CPR) and this SDS contains all the information required by the CPR.

16. OTHER INFORMATION:

<u>U.S. EPA</u>	National Fire Protection Association Rating		
<u>SARA 313 Chemicals</u>	<u>CERCLA RQ</u>	4=Severe Hazard	<u>HEALTH</u> NA
None	None	3=Serious Hazard	<u>FLAMMABILITY</u> NA
		2=Moderate Hazard	<u>REACTIVITY</u> NA
		1=Slight Hazard	<u>OTHER</u> NA
		0=Minimal Hazard	

Notes, abbreviations and acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists	GHS: Globally Harmonized System of Classification and Labeling of Chemicals
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road	IATA: International Air Transport Association
CAS: Chemical Abstracts Service (division of the American Chemical Society)	IMDG: International Maritime Code for Dangerous Goods
EC: European Commission	NA: Not Available.
EU IOELV: European Union Indicative Occupational Exposure Limit Values	OSHA: Occupational Safety and Health Administration

For laboratory use only. Not for drug, household or other uses.

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. Waters makes no warranties and assumes no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary precautions.

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