

SAFETY DATA SHEET

SECTION 1: CHEMICAL AND COMPANY INFORMATION

Product / Chemical Name:	QuickJet / Almandite Garnet
Mesh Size:	80 Mesh
Country of Origin:	India
Chemical Formula	Fe ₃ Al ₂ (SiO ₄) ₃
CAS Number:	1302-62-1
Other Designations:	QuickJet / Almandite Garnet
General Use:	Sand Blast Abrasive, Water Jet Cutting Abrasive, Water Filtration Media

<u>Wholesale Distributor:</u>	Quick Minerals Group, LLC 311 East 72 nd Street Suite 7E New York, NY 10021 (Toll Free) 888.298.7768 (Mobile) 203.258.2604 (Fax) 203.549.0558 (Email) sales@quickmineralsgroupllc.com (Website) www.quickmineralsgroupllc.com
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SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name:	Almandite Garnet
ACGIH TLV – TWA	10 mg/m ³ Total Dust
CAS Number:	1302-62-1
% Wt.	94 – 99.6%
Trace Impurities:	0.4 – 6% Misc. Trace Minerals Consisting of Ilmenite & Quartz

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Water Solubility:	Not Soluble
Appearance and Odor:	Reddish Pink	Other Solubles:	Not Relevant
Odor Threshold:	None	Boiling Point:	Not Relevant
Vapor Pressure:	Not Relevant	Melting Point:	1,315°C (2,399°F)
Vapor Density: (Air = 1)	Not Relevant	Viscosity:	Not Relevant
Specific Gravity (H₂O = 1)	4.0 – 4.2	Mean Refractive Index:	1.73 – 1.76
pH:	Not Relevant	Evaporation Rate:	Not Relevant

SECTION 4: FIRE FIGHTING MEASURES

Flash Point:	Non-Flammable Solid	Flash Point Method:	Not Relevant
LEL:	Not Relevant	UEL:	Not Relevant
Flammability Classification:	Not Relevant		
Extinguishing Media:	Use Appropriate Extinguishing Media For Surrounding Fire		
Unusual Fire or Explosion Hazards:	None		

SECTION 5: STABILITY AND REACTIVITY

Stability:	Stable
Polymerization:	Polymerization Can Not Occur
Chemical Incompatibility:	None Known
Hazardous Decomposition Products:	None Known

SECTION 6: HEALTH HAZARDS AND ACUTE EFFECTS DUE TO OVEREXPOSURE

Inhalation:	Dust may cause irritation of nasal and respiratory tract
Eye:	Dust may cause irritation
Skin:	May cause abrasions
Ingestion:	No known effects, however, ingestion not recommended

Medical Conditions Aggravated by Long Term Condition

Chronic respiratory disease may be aggravated by exposure to nuisance dust

Emergency and First Aid Procedures

Inhalation:	Remove to fresh air; if breathing is difficult, administer oxygen, obtain medical assistance
Eye Contact:	Flush with large amounts of water; obtain medical assistance
Skin Contact:	Wash exposed area with soap and water; obtain medical assistance
Ingestion:	Obtain medical assistance
Primary Routes of Entry:	Inhalation and Skin Contact

SECTION 7: SPILL, LEAK, AND DISPOSAL PROCEDURES

Spills:	Sweep or vacuum material for disposal or recovery
Disposal:	Dispose of in accordance with local, state, and federal regulation. Material contaminated in use will require special disposal procedures as a result of potentially harmful shavings found in spent abrasive.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Provide sufficient mechanical (general and / or local exhaust) ventilation to maintain dust exposure below Threshold Limit Value (TLV)
Respiratory Protection:	If needed, use a NIOSH / MSHA Approved dust respirator, cartridge or mask
Eye Protection:	Recommend approved safety glasses
Protective Gloves:	As desired by user

SECTION 9: SPECIAL PRECAUTIONS AND COMMENTS

No special precautions necessary for normal handling and storage of material. The information set forth herein is believed to be accurate but is not warranted with respect to the accuracy of the information or recommendations. Recipients are advised to confirm in advance the need that current information is applicable for the circumstances and usage.