



SUPPLIER

MATERIAL SAFETY DATA SHEET

GENERATED 09/16/2008, REVISION 10/29/2001, DATE CREATED 01/24/1991

SECTION I - PRODUCT IDENTIFICATION
Gallium sulfide Ga₂S₃, pieces

PRODUCT NAME: Gallium sulfide Ga₂S₃, pieces

REFERENCE #: 12024-22-5

MANUFACTURER INFORMATION

COMPANY NAME: PROCHEM, INC.

EMERGENCY CONTACT: CHEMTREC (800)424-9300

ALTERNATE EMERGENCY CONTACT: PROCHEM, INC. (815) 398-1788

CHEMICAL FAMILY: Metal sulfide

CAS NUMBER: 12024-22-5

FORMULA: Ga₂S₃

MOLECULAR WEIGHT: 235.62

SYNONYMS

Gallium sulfide; gallium sesquisulfide

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION
Gallium sulfide Ga₂S₃, pieces

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV	Other Limits
Gallium sulfide	12024-22-5	0.0 -100.0 %	NE	NE	NE

US EPA SARA TITLE III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)
Gallium sulfide	12024-22-5	No	No	No

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS
Gallium sulfide Ga₂S₃, pieces

PHYSICAL STATES: [] Gas [] Liquid [X] Solid

MELTING POINT: 1245.00 C (2273.0 F) - 1265.00 C (2309.0 F)

BOILING POINT: N.A.

SPECIFIC GRAVITY (WATER = 1): 3.65 gm/cc at 25.0 C (77.0 F)

VAPOR PRESSURE (VS. AIR OR MM HG): No data.

VAPOR DENSITY (VS. AIR = 1): No data.

EVAPORATION RATE (VS BUTYL ALCOHOL): No data.