

ELECTRONIC SYS GP/NORTHROP PRECS. DIV -- S.G. GIMBAL-78051-301 -- 1420-00-927-2492
===== Product Identification =====

Product ID:S.G. GIMBAL-78051-301

MSDS Date:06/01/1989

FSC:1420

NIIN:00-927-2492

MSDS Number: BJCRB

=== Responsible Party ===

Company Name:ELECTRONIC SYS GP/NORTHROP PRECS. DIV

Address:100 MORSE STREET

City:NORWOOD

State:MA

ZIP:02062

Info Phone Num:(617) 762-5300

Emergency Phone Nu

m:(617) 762-5300

CAGE:88932

=== Contractor Identification ===

Company Name:ELECTRONIC SYS GP/NORTHROP PRECS. DIV

Address:100 MORSE STREET

Box:City:NORWOOD

State:MA

ZIP:02062

Phone:(617) 762-5300

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===== Composition/Information on Ingredients =====

Ingred Name:BERYLLIUM (SARA III)

CAS:7440-41-7

RTECS #:DS1750000

Fraction by Wt: 100%

OSHA PEL:2 UG/M3

ACGIH TLV:0.002PPM; A2; 9293

===== Hazards Identification =====

Routes of Entry: In

halation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: PNEUMONITIS, PULMONARY EDEMA, LIVER DAMAGE, SPLEEN & HEART, LESIONS, COUGH, CHEST PAIN, SHORTNESS OF BREATH, WEAKNESS, CHILLS, FEVER, & LUNG DISEASE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: PHENUMONITIS, PULMONARY EDEMA, LIVER DAMAGE, SPLEEN & HEART, LESIONS, COUGH, CHEST PAIN, SHORTNESS OF BREATH, WEAKNESS, CHILLS, LUNG DISEASES.

Medical Cond Aggravated by Exposure:LUNG DISEASE

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===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING, GET MED ATT. EYES: FLUSH W/RUNNING WATER FOR 15 MINS, INCLUDING UNDER EYELIDS, SEEK MED ATT. SKIN: WASH W/SOAP & WATER. SEEK MEDICAL ATTENTION. INGESTION: NOT CONSIDERED A HAZARD BECAUSE ABSORPTION IS SO LOW.

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===== Fire Fighting Measures =====

Extinguishing Media:DRY POWDER EXTINGUISHER, SAND OR SALT. DON'T USE WATER OR CO2
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:A CLOUD OF BERYLLIUM DUST IN AIR CAN BE EXPLOSIVE.

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===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE/ENCLOSE AREA. CLEAN WHILE USING RESPIRATORS/PROTECTIVE CLOTHING.

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===== Handling and Storage =====

Handling and Storage Precautions:WASH HANDS & ARMS BEFORE LEAVING. NO EATING, DRINKING OR SMOKING IN CONTROLLED AREA. KEEP IN DRY AREA FROM CHEMICALS. DON'T PRODUCE DUST.
Other Precautions:BERYLLIUM FABRICATION OPERATIONS MUST BE DONE IN A CONTROLLED BERYLLIUM AREA.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:FULL FACE HEPA RESPIRATOR >10 UG/CUM, SCBA >50 UG/CUM.
Ventilation:LOCAL EXHAUST: W/HEPA FILTRATION. MECHANICAL: ROOM

MUST

HAVE NEGATIVE PRESSURE.

Protective Gloves:AS REQUIRED

Eye Protection:MANDATORY

Other Protective Equipment:PROTECTIVE CLOTHING, COATS, GARMENTS.

Work Hygienic Practices:WASH HANDS/ARMS BEFORE LEAVING. NO EATING,
DRINKING OR SMOKING IN CONTROLLED AREA.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:2970C

Melt/Freeze Pt:M.P/F.P Text:1280C

Vapor Pres:7.6

Spec Gravity:1.85

Solubility in Water:INSOLUBLE

Appearance

and Odor:GRAY METAL; NO ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

PHOSPHOROUS, FLUORINE, CHLORINE, MOLTEN LITHIUM, FREON/METHANOL
MIXTURES.

Stability Condition to Avoid:ACIDS, BASES, CHLORINATED HYDROCARBONS.

Hazardous Decomposition Products:OXIDES OF BERYLLIUM

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REG
ULATIONS. POISON LABEL REQUIRED.

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