Indium arsenide (InAs) (cas 1303-11-3) MSDS

MSDS: Indium arsenide
CAS: 1303-11-3
SYNONYMS: * Indium arsenide
           * Indium monoarsenide

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ Indium arsenide 1303-11-3 ]

*** CHEMICAL IDENTIFICATION ***
RTECS NUMBER: NL1300000
CHEMICAL NAME: Indium arsenide
CAS REGISTRY NUMBER: 1303-11-3
LAST UPDATED: 199707
DATA ITEMS CITED: 5
MOLECULAR FORMULA: As-In
MOLECULAR WEIGHT: 189.74
COMPOUND DESCRIPTOR: Reproductive Effector
SYNONYMS/TRADE NAMES:
* Indium arsenide
* Indium monoarsenide

*** HEALTH HAZARD DATA ***

** ACUTE TOXICITY DATA **
TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Subcutaneous
SPECIES OBSERVED: Rodent - mouse
DOSE/DURATION: 32500 mg/kg
TOXIC EFFECTS: Details of toxic effects not reported other than lethal dose value
REFERENCE:
TOXID9 Toxicologist. (Soc. of Toxicology, Inc., 475 Wolf Ledge Parkway, Akron, OH 44311) V.1- 1981- Volume(issue)/page/year: 12,360,1992

** REPRODUCTIVE DATA **
TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Intratracheal
SPECIES OBSERVED: Rodent - rat
DOSE: 123 mg/kg
SEX/DURATION: male 8 week(s) pre-mating
TOXIC EFFECTS: Reproductive - Paternal Effects - spermatogenesis (incl. genetic material, sperm morphology, motility, and count)
REFERENCE:

*** U.S. STANDARDS AND REGULATIONS ***
OSHA PEL (Construc): 8H TWA 0.1 mg(In)/m3

*** NIOSH STANDARDS DEVELOPMENT AND SURVEILLANCE DATA ***

NOISH OCCUPATIONAL EXPOSURE SURVEY DATA:
NOES Hazard Code - X4169
   No. of Facilities: 3 (estimated)
   No. of Industries: 1
   No. of Occupations: 1
   No. of Employees: 23 (estimated)
   No. of Female Employees: 6 (estimated)

*** STATUS IN U.S. ***
*** END OF RECORD ***