

SELENIUM (METAL) POWDER BLACK AR

PRODUCT CODE	638615
SYNONYMS	-
C.I. NO.	-
CASR NO.	(7782-49-2)
ATOMIC OR MOLECULAR FORMULA	Se
ATOMIC OR MOLECULAR WEIGHT	78.96
PROPERTIES	Red powder becoming black on standing. Electrically it acts as a rectifier and has marked photoconductive and photovoltaic action (Converts radiant to electrical energy).

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PARAMETER	LIMIT
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Description	Very dark red to black powder.
Solubility	2% solution in dilute nitric acid is clear and almost colourless.
Minimum Assay (Iodometric)	99.5%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C)	0.05%
Acid insoluble matter	0.01%
Non volatile matter	0.05%
Nitrogen compounds (N)	0.02%
Copper (Cu)	0.01%
Iron (Fe)	0.006%
Sulphur (S)	0.0015%
Tellurium (Te)	0.05%

Note(s) : 1] Assay (if applicable) method mentioned.

<p>DANGER Hazard statements : Toxic if swallowed. Toxic if inhaled. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with longlasting effects. Precautionary statements Prevention : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Response : Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician. Keep container tightly closed. Get medical advice/attention if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. Disposal: The chemical waste should be collected by specialized disposal company. Return the chemical to the supplier.</p>	<p>IMDG Code : 9/III UN No. : 3077 IATA : 9</p>
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Hazard Pictogram(s) :



GHS06



GHS08



GHS09

Replace Date 12.01.2023