

Technical data sheet



Product name: **Mercury (II) oxide**

Grade: **Laboratory**

Chemical formula: HgO

Molar mass: 216.59 g/mol

Synonyms: MERCURIC OXIDE; Mercuric oxide, red

General information	
Cas- No.	21908-53-2
Ec-No.	244-654-7
Appearance	red to orange-red solid
Boiling point	N/A
Melting point	>400 °C(decomposition)
Bulk density	~1350kg/ m ³
Spec.density	11.1 g/cm ³ (20°C)
Vapour pressure	0.12 pa(20°C)
Solub. In H ₂ O	0.052 g/l (20°C)
Storage temp	+2°C to +30°C
R:	26/27/28-33-50/53
S:	13-28.1-45-60-61

Specification	
Assay	≥99.0%
Identity	conforms
Appearance of solution	conforms
substances insoluble in dilute HCl	≤0.03%
Chloride	≤0.025%
Sulfate	≤0.005%
Total nitrogen	≤0.005%
Iron	≤0.01%
Residue on ignition (as sulfate)	≤0.025%
pH value	6.0-7.0 (5%, water)

Symbol:



packaging:

Available Pack	10 gr	25 gr	50 gr	100 gr	250 gr
P.E	-	-	-	-	-
GLASS	-	*	*	-	-



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