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Specification

Concerning Product:	
Article number	1313139QQP
Trade name / designation / denomination	Mangan IV Oxid
CAS number	1313-13-9
Other names / synonyms	•Manganese (IV) oxide, activated, oxidizing agent; •Manganese Dioxide, Powder, Technical; •Manganese Dioxide, Reagent; •Manganese dioxide, active; •Manganese(IV) oxide; •Manganese(IV) oxide activated; •Manganese(IV) oxide, 99. (metals basis); •Manganese(IV) oxide, Puratronic, 99. (metals basis); •Manganese(IV) oxide, activated, tech., Mn min; •dioxomanganese;
EC number	215-202-6
EC index number	025-001-00-3
Customs tariff number / CN code / TARIC	26020000
Molecular weight [g / mol]	86,94
Formula	MnO_2
UN 1479/1479, 5.1 (Entzündend/oxidierend wirkende Stoffe), II	
May intensify fire; oxidiser. Harmful if swallowed. Harmful if inhaled. Take any precaution to avoid mixing with combustibles… Do not breathe dust/fume/gas/mist/vapours/spray. Avoid release to the environment. Dispose of contents/container in accordance with local/regional/(inter)national regulations.	

Parameter	Specification	Unit
Organoleptic test		
Appearance	Dark grey powder	
Physical parameter		
Solubility	Subst. insoluble in HCl ≤ 1	%
Identity		
Assay	≥ 96,0	%
Impurities		
Heavy Metals (as Pb)	≤ 0,002	%
Sulphates (SO_4)	≤ 0,5	%
Elemental Impurities		
Iron (Fe)	≤ 0,2	%

Supplemental information:

Shelf life: 60 month

Chemische Werke Hommel GmbH & Co.KG
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Waltrop, 19. Sep. 2022

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