

**GRM1357 Chromium trioxide, Hi-AR™/ACS****Product Number Packing**

GRM1357 : 500G

**Product Information**

Product Code : GRM1357  
Product Name : Chromium trioxide, Hi-AR™/ACS  
Synonym : Chromic acid; Chromium (VI) oxide  
Molecular Formula : CrO<sub>3</sub>  
Molecular Weight : 99.99  
CAS No. : 1333-82-0  
EC No. : 215-607-8  
HS Code : 2819 10 00  
EC Index No. : 024-001-00-0  
Shelf Life : 4 years

**Technical Specification**

Appearance : Dark red to purple to black crystals or flakes or powder or masses  
Solubility : 1000 mg soluble in 1 mL of water  
Aluminium (Al) : <= 0.02%  
Calcium (Ca) : <= 0.005%  
Chloride (Cl) : <= 0.005%  
Iron (Fe) : <= 0.01%  
Sulfate (SO<sub>4</sub>) : <= 0.01%  
Potassium (K) : <= 0.01%  
Sodium (Na) : <= 0.01%  
Nitrate (NO<sub>3</sub>) : <= 0.01%  
Assay (Iodometry) : 99.00 - 102.00%

**GHS Safety Information**

Hazard Statement(s) : H271-H301-H311-H314-H317-H330-H334-H340-H350-H361-H372-H410  
Precautionary Statement(s) : P201-P220-P260-P273-P280-P284  
Signal Word : Danger  
Hazard Pictogram(s)

**Risk and Safety Information**

R-Phrase(s) : 45-46-9-24/25-26-35-42/43-48/23-50/53-62  
S-Phrase(s) : 53-45-60-61  
WGK : 3  
RTECS : GB6650000  
Storage Temperature(°C) : Store below 30°C

Hazard Symbol(s)



## Transport Information

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UN No. : 1463  
Class : 5.1  
Packaging Group : 2  
Marine Pollutant : Yes  
ADR/RID : 1463 5.1/PG 2  
IMDG : 1463 5.1/PG 2  
IATA : 1463 5.1/PG 2