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Technical Data Sheet

SODIUM METAPERIODATE

1. Chemical Product Identification

GHS Product Identifier: 131.04, Sodium Metaperiodate

Formula: NaIO₄

CAS No.: 7790-28-5

Formula Description: White or colorless crystals.

Recommended Use: Used as source of Periodic acid, analytical reagent or oxidizing agent.

General Properties:

Molecular Weight: 213.89



2. Chemical Product Specifications

Chemical Identity	Assay (as is)
Sodium Metaperiodate	99.0% minimum

3. Standard Packaging

Net Weight	Packaging
25 kgs.	5.0 gal 1A2/X45/S
Material packaged with polyethylene liner; suitable for export.	

4. Transport Information

SHIPPING CRITERIA	US DOT	IATA and IMDG
Proper Shipping Name	Oxidizing Solid, N.O.S (Sodium Periodate)	Oxidizing Solid, N.O.S (Sodium Periodate)
Hazard Class	Class 5.1	Class 5.1
Identification Number	UN 1479	UN 1479
Packing Group	PG II	PG II
Shipping Label	Oxidizer	Oxidizer
Additional Marking Requirement	Consult the 49 CFR §172 for special provisions and markings	Consult the IATA Dangerous Goods Regulations

5. Handling and Storage

Storage Conditions: Store in UN-rated drum or Tote. Store in a cool, dry, well-ventilated area away from incompatible substances, direct sunlight or elevated temperatures. Keep containers tightly closed using a tamper-evident seal. Protect against physical damage. Shower and dispose of outer clothing and change to clean garments at the end of the day. Wash hands before eating and do not eat, drink or smoke in workplace. Containers of this material may be hazardous when empty since they retain product residues.

SDS with detailed information available upon request.