



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 20217
Product Name : SODIUM PERIODATE

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 2800212 , 2802755
Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : Sodium meta periodate; Sodium periodate

CAS-No : 7790-28-5 EC Index No. : ---
Molar mass : 213.89
Molecular Formula : INaO_4 EC -No. : 232-197-6

3. HAZARDS IDENTIFICATION : Contact with combustible material may cause fire.

4. FIRST AID MEASURES : After skin contact : Wash off with plenty of water .Remove contaminated clothing.
After eye contact : Rinse out with plenty of water with the eyelid held wide open.
Summon eye specialist.
After inhalation : Fresh air.
After swallowing : Make victim drink plenty of water, induce vomiting,
summon doctor.

5. FIRE – FIGHTING MEASURES: Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.
Special risks :
Fire-promoting . Keep away from combustible materials. In the event of decomposition : danger of explosion!
Other information : Non- combustible.

6. ACCIDENTAL RELEASE MEASURES:

Procedures for cleaning /absorption : Take up dry. Forward for disposal.
Clean up affected area with water.

7. HANDLING AND STORAGE: Handling : No further requirements.
Storage : Tightly closed . Dry. Protected from light . Separately or together with other oxidizing substances only. Keep away from sources of ignition and heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment
Respiratory protection : Require when dusts are generated.
Eye protection : Required
Hand protection : Required

Industrial hygiene : Change contaminated clothing .
Wash hands after working with substance.



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9. PHYSICAL AND CHEMICAL PROPERTIES :

Form : Solid
Colour : colourless to white
Odour : Odourless
pH value at 50g/l H₂O(20°C) : Near 5.2
Melting temperature : 175 °C (decomposition)
Boiling temperature : 300 °C
Ignition temperature : Not available
Flash point : Not available
Explosion limits lower : Not available
Upper : Not available
Relative vapour density : Not available
Density : 3.87 g/cm³
Bulk density : Near 2000-2100 kg/m³
Solubility in water (20°C) : 100 g/l
Thermal decomposition : >300 °C

10. STABILITY AND REACTIVITY : Conditions to be avoided : Strong heating.(explosive decomposition).

Substance to be avoided : None.

Hazardous decomposition products : None.

11. Toxicological Information: Acute toxicity: Quantitative data on the toxicity of this product are not available. Further data : The data available to us do not suffice to permit any industrial-toxicological assessment . Hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION : No ecological problems are to be expected when the product is handled and used
with due care and attention.

13. DISPOSAL METHOD : There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste
Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION :

GGVS/GGVE class : 5.1 Number and letter : 27 a
Transport over land ADR/RID class : 5.1 Number and letter : 27 a
ADR/RID and GGVS/GGVE Name of material : 1479 SODIUM PERIODATE
Sea transport IMDG : IMDG class : 5.1 UN-NO. : 1479 Packaging group : 1
Ems : 5.1-11 MFAG : 760,4.3



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Correct technical name : SODIUM PERIODATE

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Product Name : **SODIUM PERIODATE**

Air transport : ICAO/IATA : 5.1 UN/ID-No. : 1479 Packaging group : 1
ICAO-TI and IATA-DGR Correct technical name : SODIUM META-PERIODATE

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : O Oxidizing
R- Phrases : 8 Contact with combustible material may cause fire.
S-phrases : -----
Water pollution class : 1 (slightly polluting substance) (own classification)

16. OTHER INFORMATION

Reason for alteration

Change in labelling.

The information contained here in is based on the present state of our knowledge. it characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.