

Sodium hypochlorite 4% to 6%

Bulk Chemicals and Intermediates | Technical Data Sheet



Synonyms

Hypochlorous acid sodium salt; Sodium hypochlorite solution



Molecular formula	OCINa
Molecular weight	74.5
CAS number	7681-52-9
EINECS number	231-668-3

Specifications

Appearance	Pale-yellow liquid
Available chlorine	4% to 6% minimum
Excess NaOH	1% w/w maximum

Physical properties

Density	1.10 to 1.11 g/cm ³ at 20°C
Vapor pressure	18 hPa at 20°C

Description

Sodium hypochlorite is a pale-yellow liquid with a chlorine like odour.

Applications

Intermediate for chemicals and dyes

Packaging

Sodium hypochlorite is available in tankers. Other packaging may be considered on request.

Storage and handling

Keep containers tightly closed and store in a dry and well-ventilated area, away from direct sunlight. Keep away from oxidising or acidic materials. Avoid contact with eyes, skin or clothing. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

Use suitable personal protective equipment (PPE) while handling. Wear protective gloves, dust mask and safety goggles. Avoid breathing fume, mist or vapour. Keep material away from foodstuffs, beverages and feed. Wash hands thoroughly after handling this product. Always refer to the SDS for detailed information on safety.

Sodium hypochlorite 4% to 6%

Bulk Chemicals and Intermediates | Technical Data Sheet



First aid

Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

Skin contact: Wash the affected area thoroughly with soap and water. Remove contaminated clothing and safety shoes. Consult a physician immediately.

Ingestion: Avoid ingestion as the product is harmful. Do not induce vomiting. Rinse mouth multiple times with water. Consult a physician immediately.

Inhalation: Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

Spills and disposal

In case of spillage and | or leakage, absorb the spilled material carefully with suitable liquid binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines, as applicable.

Contact

E-mail bulk_inters@atul.co.in

Website www.atul.co.in

Last updated: March 2017

Disclaimer: The information contained herein is for information purposes only. While enough care is taken in disclosing the information, users of this information are advised to cross-check the same depending upon use | application. Atul Ltd does not give any assurance or warranty or guarantee in regard to the accuracy or completeness of the information and no claim or liability will be accepted or entertained in regard thereto. Atul Ltd makes no warranty of any kind, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or performance or usage of trade.