

NaOH

Topic :

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- * Sodium hydroxide is used in many scenarios where it is desirable to increase the alkalinity of mixture, or to neutralise acid
- * Sodium hydroxide is used as an additive in drilling mud to increase alkalinity in bentonite mud system
- * NaOH is used to treat the crude oils
- * Sodium hydroxide is also widely used in pulping of wood for making paper or regenerated fibers. Along with the sodium sulfide sodium hydroxide is a key component of the white liquor solution to separate lignin from cellulose fibers in the kraft process.
- * Sodium hydroxide is traditionally used in soap making. It was made in the 19th century for a hard surface rather than liquor product because it was easier to store and transport
- * Sodium hydroxide is frequently used as an industrial cleaning agent where it is often called caustic.
- * A common use of sodium hydroxide is in the production of parts washer detergents. Parts washer detergents based on sodium hydroxide is in the production of parts washer detergents

safety measures ⇒

Like other corrosive acid and alkali, drops of sodium hydroxide solutions can readily decompose proteins and lipids in living tissue via amide hydrolysis and ester hydrolysis which consequently cause chemical burns and may induce permanent blindness upon contact with eyes.

Solid alkali can also express its corrosive nature if there is water, such as water vapours. Thus protective equipments like rubber gloves, safety clothing and eye protection should always be used when handling this chemical or solution.

If alkali spills on the skin, then wash your hand with water for about 10 to 15 minutes.

As the field of chemistry is developing day by day, advanced lab ^{and equipments} have been developing that will prevent the exposure nature of chemicals.