

Technical Information HI3 11/10

HYDRIODIC ACID-IODINE CONCENTRATE (HI3)

DESCRIPTION

Hydriodic acid-Iodine Concentrate (HI3) is a convenient soluble form of iodine delivered in hydriodic acid solution. It is a blend of Iodine between 60-67% and hydriodic acid(57%) between 33-40%. It is used to manufacture iodophor concentrates for the control of mastitis in the dairy industry. It can also be used to make other iodine containing biocidal products.

CHEMICAL AND PHYSICAL PROPERTIES

Appearance: Dark reddish brown viscous liquid Typical Concentrations: 63% iodine 37% hydriodic acid Specific Gravity: 2.7

APPLICATIONS

- Concentrate for iodophor manufacture for mastitis control
- Iodine concentrate for biocidal products

PACKAGING AND SHIPPING

- HI3 concentrate is shipped in black high density polyethylene drums
- Typical Package Sizes: 35 gallon 500 lbs 55 gallon 750 lbs

• HI3 is shipped as a Class 8 Corrosive UN1787 packing group II

For further information on product safety please consult the product MSDS or for additional product specifications consult sales specification sheet.