

**Technical Information** 

# HYDRIODIC ACID-IODINE CONCENTRATE (HI3)

# **CAS#**?

## DESCRIPTION

Hydriodic acid-Iodine Concentrate (HI3) is a convenient soluble form of iodine delivered in hydriodic acid solution. It is a blend of lodine 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 and 37% hydriodic acid
Specific Gravity at 20/20 <sub>0</sub> C:	2.7

#### **APPLICATIONS**

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

#### PACKAGING AND SHIPPING

- HI<sub>3</sub> concentrate is shipped in black high density polyethylene drums
- Typical Package Sizes: 35 gallon – 400 lbs

55 gallon - 750 lbs

HI<sub>3</sub> 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.

Web address: www.iofina.com

Technology Leaders in Iodine®