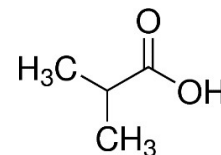




ISO BUTYRIC ACID

PRODUCT CODE	R09418
SYNONYMS	2-Methylpropionic acid
C.I. NO.	N/A
CASR NO.	79-31-2
ATOMIC OR MOLECULARFORMULA	C₄H₈O₂
ATOMIC OR MOLECULARWEIGHT	88.11
PROPERTIES	Combustible



PARAMETER LIMIT

Description	Clear & colourless pungent liquid.
Solubility	5% soln. in ethanol forming clear & almost colourless liquid.
Minimum assay (By GC)	98.0%
Wt. per ml at 20°C	0.947 – 0.948 g
Refractive index (n) _D ²⁰	About 1.3925
Boiling range(min. 95%)	151 - 155°C

MAXIMUM LIMIT OF IMPURITY

Water	0.2%
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Note(s): Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : Flammable liquid and vapour. Combustible Liquid. Toxic if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention : Keep away from flames and hot surfaces. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Use explosion-proof electrical/ventilating/lighting/equipment. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.

Response : Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use alcohol-type foam for extinction. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire, use dry agent for extinction. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Disposal : Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

Hazard Pictogram(s) :3



GHS02



GHS05



GHS06

IMDG Code : 8 (3)/III
UN No. 2529
IATA : 8 (3)

Replace Date 1 April 2023

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