

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Isobutyraldehyde, Natural
FEMA No:	2220
CAS No:	78-84-2
CFR No:	117
Chemical name or Synonyms:	2-methyl propanal
Empirical Formula:	C₄H₈O
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Clear to colorless to pale yellow liquid
Odor:	Pungent; fruity; over-ripe banana top notes
Boiling Point:	64°C at 754 mmHg
Acid Value:	5.0 max
Flash Point:	-19.4°C
Specific Gravity @ 25°C: (for liquids only)	0.783-0.800
Refractive Index @ 20°C: (for liquids only)	1.367-1.380
Purity (GLC):	98% Min
Solubility:	Miscible with alcohol, ether; soluble in water (1:125)
Storage and Shelf Life:	Store under cool conditions in a clean environment away from light and ignition sources. Recommended storage in unopened containers under nitrogen 12 months shelf life

Revision #4 8/14/2022