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TECHNICAL DATA SHEET

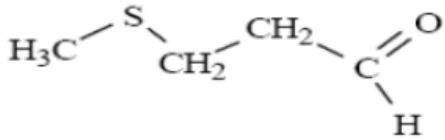
Revised date : 08/12/2014

Chemical name :

METHIONAL

Product code : 12657

Synonyms : 3-(Methylthio)propionaldehyde

Formula : C4 H8 OS	<u>Chemical specifications:</u> Refractive Index at 25 °C : 1.480 / 1.493 Density at 20 °C : 1.038 / 1.065 Acid value ≤ 5	
Molecular Weight : 104,17		
Boiling point : 165°C		
Flash Point : 68°C		
Melting point : n/a		

Chromatographic and organoleptic specifications :

Purity (GC) ≥ **98,0% (monomer + trimer)**
95,0% monomer

Appearance : colorless to primrose liquid

Odor and taste : Powerful and diffusive onion and meat like odor.
Fatty raw potatoes taste, somewhat cabbage sulfury

CAS : 3268-49-3	✓ Kosher	<u>Nature occurrence :</u> Potato, tomato, cheeses, heated beef, bear.
FEMA/GRAS : 2747	✓ Halal	
EINECS : 221-882-5	✓ Coeliac	<u>1334/2008/CE Status :</u> Flavouring substance
Flavis : 12.001	✓ Vegan	
Tariff code: 29 30 90 99 99	Organic	<u>Dangerous good for transport :</u> Yes

<u>Storage conditions :</u> Temperature ≤ 0 °C Retest date about 12 months Store in a tightly closed and preferably full container under nitrogen	<u>Packing containers :</u> Glass bottle ✓ Aluminium bottle ✓ Plastic container ✓ Poly-coated steel drum ✓ Stainless steel drum	<u>Soluble in:</u> ✓ Essential oils ✓ Propylen Glycol ✓ Alcohol Water
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