

SAFETY DATA SHEET

1. Identification

Product identifier

ETHANE

Other means of identification

SDS number

304-GHS

Synonyms

Ethyl Hydride, Bimethyl, MethyImethane, Dimethyl

Recommended use

This product is intended for use as a refinery feedstock, fuel se 6in engs aer in(Tcesses.ded NE)T130 -1.65U

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Type

Value

Solubility(ies)	
Solubility (water)	Insoluble in the cold water.
Partition coefficient (n-octanol/water)	Not applicable. 1.81
Auto-ignition temperature	986 °F (530 °C) 881.6 °F (472 °C) 882 °F (472.22 °C)
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.45 g/cm ³ estimated
Dynamic viscosity	0.06 mPa.s
Dynamic viscosity temperature	-109.3 °F (-78.5 °C)
Kinematic viscosity	0.14 mm ² /s estimated
Molecular formula	C ₂ H ₆
Molecular weight	30.08 g/mol
PercubiNlemaht	Not available.

Skin sensitization
Germ cell mutagenicity
Carcinogenicity

Based on available data, the classification criteria are not met.

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Methane (CAS 74-82-8)

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act

Ethane (CAS 74-84-0)

Methane (CAS 74-82-8)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Ethane (CAS 74-84-0)

Methane (CAS 74-82-8)

Propane (CAS 74-98-6)

US. Rhode Island RTK

Ethane (CAS 74-84-0)

Methane (CAS 74-82-8)

Propane (CAS 74-98-6)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
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