



TECHNICAL DATA SHEET

THIOGLYCOLLIC ACID 80% LR

Mercaptoacetic acid

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|-------------|-----------|-------------------|------------------------|
| Article No. | 113090500 | Molecular Formula | HSCH ₂ COOH |
| H.S. Code | 2930.9085 | Molecular Weight | 92.12 |
| CAS No. | 68-11-1 | | |

Physical Properties

| | |
|---|------------------------|
| Physical state at 20 °C | Liquid |
| Colour | Clear colorless |
| Odour | Strong unpleasant odor |
| pH value | 1.5 at 10 g/l at 20 °C |
| Melting point [°C] | -16°C |
| Auto-ignition temperature [°C] | 350 °C |
| Flash point [°C] | 131 °C |
| Boiling point [°C] | 96 °C |
| Vapour pressure [20°C] | 0.5 hPa at 20°C |
| Vapour density | 3.2 |
| Density [g/cm ³] | 1.33 |
| Solubility in water [% weight] | Miscible in water |
| Partition coefficient Log Pow octanol / water at 20°C | 0.09 |
| Explosion limits -lower [%] | 5.90% |

Specifications

Assay (Iodometric) % Min 80.0
Sulfated ash % Max 0.05
Organic bound chloride (Cl) % Max 0.1
Water % Max 20

Safety Information and Hazard Symbols



| | |
|----------------------|---|
| Symbol | GHS05, GHS06 |
| Signal Word | Danger |
| UN No | 1940 |
| IMCO Class No. | 8 |
| Hazardous Statement | H301-H311-H331-H314 |
| Precaution Statement | P264b-P270-P271-P280-P303+P361+P353-P304+P340-P305+P351+P338-P310-P330-P331-P363-P403+P233-P405-P501c |
| Packing Group | II |