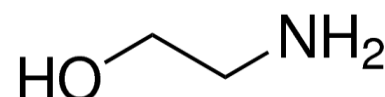


## ETHANOLAMINE MONO AR/ACS

<b>PRODUCT CODE</b>	<b>522830</b>
<b>SYNONYMS</b>	<b>Monoethanolamine</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>141-43-5</b>
<b>ATOMIC OR MOLECULARFORMULA</b>	<b>C<sub>2</sub>H<sub>7</sub>NO</b>
<b>ATOMIC OR MOLECULARWEIGHT</b>	<b>61.08</b>
<b>PROPERTIES</b>	<b>Hygroscopic, viscous liquid. Strong base. Combustible.</b>



PARAMETER	LIMIT
Description	A clear colorless to yellow liquid.
Solubility	10% Solution in water is clear & colourless solution.
Minimum assay (acidimetric)	99.0%
Wt.per ml at 20°C	1.015 - 1.019 g
Freezing Point	Not less than 10°C
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.453 - 1.455
Boiling Range	169 - 173°C

### MAXIMUM LIMIT OF IMPURITIES

Sulphated Ash	0.02%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Copper (Cu)	0.0005%

**Note(s) : Assay (if applicable) method mentioned.**

### WARNING

**HAZARD DANGER** Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

### PRECAUTIONARY STATEMENTS

**Prevention:** Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

**Response: IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell. **IF ON SKIN:** Wash with plenty of soap and water. **IF INHALED:** Remove victim to fresh air and keep at rest in a position. comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use

**Disposal :** The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber

IMDG Code : 8/III  
UN No. : 2491  
IATA : 8

Hazard Pictogram(s) :



GHS05



GHS07

Replace Date 05-Nov.-2019