

# KLEA®134a

## SAFETY DATA SHEET

**Mexichem.**

### SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	Daphnia 48 hour EC50: 980 mg/l Rainbow trout 96 hour LC50: 450 mg/l
Persistence and degradability:	This product is highly volatile and has low water solubility. It will rapidly evaporate from water. Decomposes comparatively rapidly in the lower atmosphere (troposphere). Atmospheric lifetime is 14 years. Products of decomposition will be highly dispersed and hence will have a very low concentration. Practically non-biodegradable.
Bioaccumulative potential:	Low given its Log $K_{ow}$ = 1.06
Mobility in soil:	Expected to be mobile in soil.
Other adverse effects:	Not a significant contributor to photochemical smog and is not considered to be a VOC. Is not considered an ozone-depleting chemical.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method:	Discarded product is not a hazardous waste under RCRA, 40 CFR 261. However, HFC-134a should be recycled or reclaimed whenever possible.
Container Disposal:	For disposable (DOT 39) cylinders only. Do not distribute, make available, furnish, or reuse container when emptied of the original product. Open valve to remove pressure in the cylinder. Then puncture, drill, crush, or otherwise destroy empty cylinder and dispose of in a facility permitted for nonhazardous waste. Return all other containers to supplier.
Refrigeration Application:	Subject to "no venting" regulations of Sections 608 and 609 of the Clean Air Act during the service or disposal of equipment.

### SECTION 14 - TRANSPORT INFORMATION

UN number (DOT, TDG, IMDG, IATA):	UN 3159
UN proper shipping name (DOT, TDG, IMDG, IATA):	1,1,1,2-tetrafluoroethane <b>or</b> Refrigerant gas R 134a
Hazard class (DOT, TDG, IMDG, IATA):	2.2
Packing group (DOT, TDG, IMDG, IATA):	None
Hazardous substance (RQ):	None