

Annex to the extended Safety Data Sheet (eSDS)

propene, liquefied, under pressure

For its chemical and physical properties (flammability), only a qualitative safety assessment is required. The general risk management measures for handling and storage are outlined below.

PREVENTIVE MEASURES FOR HANDLING AND STORAGE	Industrial	Professional	Consumer
Do not load tanks and containers from above	x		
Do not use compressed air to fill, empty or handle the product	x		
Pumping operations can generate static electricity	x		
Static electricity can be a fire hazard	x		
Restrict the speed of the fluid during pumping, to prevent static electricity from being generated (<1m/sec until the filling pipe is submerged in twice its diameter, then <7m/sec).	x		
Restrict the speed of the fluid during pumping, to prevent static electricity from being generated (<10m/sec).	x		
Vapour is heavier than air, spreads at ground level and can represent a fire hazard even at a distance.	x		
Displacement pumps must be fitted with separate safety valves (not integrated)	x		
Use explosion-proof electronic equipment, ventilation and lighting.	x		
Use suitable equipment to fill IBCs and other containers.	x		
The IBCs and other containers must be made of suitable material.	x		
Ensure a continuous electricity supply, and earth all equipment.	x	x	
Keep away from oxidising agents	x	x	
Extinguish open flames. No smoking. Eliminate all sources and chances of ignition. Avoid sparks.	x	x	
Handle containers with care and open them in well-ventilated areas	x	x	
Avoid overfilling the containers	x	x	
Do NOT empty into drains or sewers	x	x	
Only use in a well-ventilated environment			x
Avoid any possible sources of ignition (sparks or flames)			x
Do not perforate or incinerate containers			x
Empty cylinders or tanks must be returned to the provider.			x
STORAGE	Industrial	Professional	Consumer
Store in a well-ventilated area fitted with containment facilities, away from direct sunlight, ignition sources and other heat sources.	x		
Storage temperature: room temperature	x		
Keep away from open flames, ignition sources and hot surfaces. No smoking	x	x	x
Take suitable precautions to protect from static electricity	x	x	x
Keep containers in a well-ventilated place	x	x	x
Keep containers fully sealed	x	x	x