



Shipping Dangerous Goods – Gas powered equipment

DISCLAIMER: These materials are provided as guidance only to assist properly trained shippers. All shippers are responsible to ensure they are properly trained to ship dangerous goods. These materials do not alter, satisfy, or influence any regulatory requirements. The contents of these materials are subject to change and Purolator accepts no liability for loss or damage resulting from changes, errors, omissions, or misinterpretations of these materials.

Gas powered equipment

Engines, Internal combustion, (Flammable liquid powered) – UN 3166

The following information relates to gas-powered equipment that has been “used” even once, meaning that fuel has been put in the storage tank of the equipment. If the equipment is “new”, meaning that fuel has never been put in the storage tank, this information does not apply. In either case, check the Safety Data Sheet (SDS) for the equipment to determine if there are other items or components that are regulated under TDGR or ICAO.

Purolator accepts shipments of gas-powered equipment under certain conditions. This type of equipment includes gasoline-powered chain saws, portable generators, lawn mowers, grass trimmers, boat motors, construction tools and any other device with a liquid-fuelled small engine.

A key issue related to these devices/equipment is the fuel contained in the storage tank attached to the small engine. By design, these tanks are vented to the atmosphere which has the potential to allow fuel to leak out of the vents if the equipment is not in an upright position. Due to the safety risk of liquid fuels, Purolator requires that **all fuel must be drained from the storage tank** to the greatest extent possible prior to tendering the shipment for transport.

The following table provides a summary of the requirements for tendering gas powered equipment to Purolator for both air and ground transport.



Shipping Dangerous Goods – Gas powered equipment

Gas Powered Equipment Engines, Internal combustion, (Flammable liquid powered) – UN 3166

	Air Transport	Ground Transport
Safety marks on package	UN Number Proper Shipping Name Orientation arrows	No
UN specification package	No	No
Hazard label	Yes (Class 9) if equipment contained in a package 	No
Shippers' declaration	Yes (Air)	No
Other requirements	<ul style="list-style-type: none"> All fuel must be drained from storage tanks 	<ul style="list-style-type: none"> All fuel must be drained from storage tanks ¹
DG surcharge	Yes	No
Reference	ICAO TI PI 950	TDGR Section 1.34.1

¹ Purolator requirement/limitation