

**EMERGENCY PROCEDURE GUIDE — TRANSPORT**

Fourth edition—June 2004



NAME	UN No	HAZCHEM
<b>ETHYLENE OXIDE or ETHYLENE OXIDE WITH NITROGEN</b>	<b>1040</b>	<b>2PE</b>

*Flammable, colourless gas with an ether-like odour.*

*Transported under pressure as a liquid.*

*Gas is denser than air.*

*Liquid and gas are miscible with water.*

*Liquid and gas react violently with acids, alkalis, salts and combustible materials.*

**EMERGENCY CONTACTS**

**POLICE OR FIRE BRIGADE: DIAL 000—IF INEFFECTIVE DIAL 1100 (EXCHANGE)  
POISONS INFORMATION CENTRE: 13 11 26**

Organization	Location	Telephone	Ask for
		Include area code in brackets	

**HAZARDS**

<b>FIRE</b>	<b>HIGHLY FLAMMABLE:</b> will be easily ignited by heat, sparks or flames. Will form explosive mixture with air at all concentrations above 3%. Liquid vaporizes readily on release and spreads steadily along the ground. Vapours may travel to source of ignition and flash back. Containers may explode when heated. Ruptured cylinders may rocket. May decompose explosively when heated or involved in a fire. Runoff may create fire or explosion hazard. Fire will produce irritating, poisonous and/or corrosive gases.
<b>HEALTH AND ENVIRONMENT</b>	<b>POISONOUS:</b> MAY BE FATAL IF INHALED, SWALLOWED OR ABSORBED THROUGH SKIN. Gas is toxic by inhalation. Symptoms may be delayed. Gas may be irritating to eyes, respiratory system and skin. Gas may cause sensitization by skin contact. Contact with gas or liquid may cause burns. Runoff may pollute waterways. Gas is heavier than air and will collect in low or confined areas (drains, basements, tanks).

**PROTECTIVE CLOTHING**

<b>EMERGENCY RESPONDERS</b>	Wear SCBA and fully-encapsulating, gas-tight suit when handling leaking or damaged cylinders and equipment. Always wear thermal protective clothing when handling liquids and equipment.
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