



# Dangerous Goods Incident Logs 2003

# Dangerous Goods Storage Incident Log 2003

	Date	Location	Goods	Incident Details
S15088	13/01/03	MAYLANDS	Chlorine UN1017	A staff member of the local pool noticed a very high chlorine level reading. Emergency services attended and investigated the possible chlorine leak. The high chlorine reading was attributed to an electrical fault.
3625-03	29/01/03	KOJONUP	Chlorine UN1017	A staff member of the local pool was overcome by chlorine gas as he attempted to shut off a suspected leak from a cylinder. Leak resulted from poor maintenance of equipment.
3624-03	12/02/03	PERTH	Hypochlorite Solution UN1791	Two members of the public noticed hypochlorite odour whilst in the car park. A crack in the bottom elbow pipe fitting on the sight glass resulted in a loss of approximately 5 L of the solution into the bund. The leak was stopped and there were no injuries.
S15187	20/02/03	KATANNING	Chlorine UN1017	A faulty regulator caused a vapour leak from a 920 kg chlorine drum at the local swimming pool. Lack of maintenance of the regulator contributed the leak. There were no injuries.
S15552	15/03/03	KWINANA	Sulfuric Acid UN1830	Approximately 4 t of sulfuric acid was spilt from a storage tank when an elbow at the base of the tank cracked. The entire spill was contained within the bund and later neutralised. There were no injuries.
X3669/ 200301	22/05/03	WANNEROO	Chlorine UN1017	The pigtail line from a 920 kg drum ruptured releasing chlorine inside the drum storage room. Approximately 400 kg of chlorine was released. The gas was contained within the building and was later released in a controlled manner. An automatic chlorine shutdown system has now been installed.
S12760	23/05/03	OSBORNE PARK	Ammonia UN1005	A small leak occurred at a refrigeration plant. Staff were evacuated. Leak was from a flexible liquid hose on a plate freezer.
S1951	28/05/03	BYFORD	Petrol UN1203	Fire at a service station while a person was refuelling his car. Upon investigation there was no apparent source of ignition and the fire may have started due to static electricity.
	28/05/03	FREMANTLE PORT	Ethanol UN1170	Leaking drums from a shipping container from overseas at a berth. The container was washed out with water and destuffed using a flameproof forklift. A 200 L drum was damaged during transit due to poor stowage. The damaged drum was replaced and the container repacked.
S12045	27/06/03	WOODVALE	Petrol UN1203	A fuel dispenser nozzle broke off while a customer was filling his car at a service station. A 75 L spill resulted which was contained.
S15548	27/06/03	KWINANA	Sodium Hydroxide solution UN1824	3000 L spilt into a bund through a drain valve which was left open during maintenance. The spilt product was fully contained and later neutralised. No injuries resulted.
X3692	09/07/03	PORT HEDLAND	Combustible liquids (waste oil)	Fire occurred in a banded compound involving waste combustible liquids at a waste oil recycling facility. Foam was applied to extinguish the fire. The spilled product was contained within the earth bund.

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S10060	04/08/03	KIMBERLEY REGION	Petrol UN1203	Fuel level within an underground tank dropped considerably (14 kL) over a short time. Tank corrosion suspected.
S6664	08/08/03	OSBORNE PARK	LP Gas UN1075	LP Gas ignited during the filling of cylinders attached to a concrete mixing truck.
S6633	10/09/03	WATTLE GROVE	Diesel Fuel	Approximately 40 L of diesel fuel was spilt, and extensive damage caused to the dispenser, when a truck drove off with the dispensing nozzle still in its fuel tank.
S12760	09/11/03	OSBORNE PARK	Ammonia gas UN1005	A minor ammonia leak from a flexible liquid hose on a plate freezer occurred at a refrigeration plant. Staff were evacuated.  The company is now trialling a different type of hose to prevent the recurrence of the leak.
S15068	29/10/03	MINDARIE	LP Gas UN1075	A minor leak from an underground LP Gas tank occurred when the delivery operator failed to completely shut the fixed liquid level gauge of the tank after the LP Gas delivery.

# Dangerous Goods Transport Incident Log 2003

	Date	Location	Goods	Incident Details
W01/03	09/04/03	KEWDALE	LP Gas UN1075	Overfill of LP Gas tank at a truckstop. Contents gauge at remote fill on site was alleged to be inaccurate. The pressure relief valve opened a few hours later allowing the release of LP Gas.
W02/03	07/05/03	NORTHAM	Hypochlorite Solution UN1791	Clamp holding an IBC lid in place was corroded and in poor condition which lead to escape of product enroute from Perth to Northam.
W03/03	22/04/03	CANNING VALE	Crude Oil UN 1267	A road tanker rolled onto its side as it negotiated a roundabout. Although less than 200 L of product spilled out the remaining product had to be transferred to another road tanker, utilising spears after drilling into each of the five compartment of the damaged tanker. Special transfer equipment was used during the 9 hr operation.
W04/03	15/06/03	NORSEMAN	Paint / Adhesives UN1263 / UN1133	Dog trailer on a double road train rolled over as a result of driver taking evasive action to avoid camels on the Highway. Paint and adhesives were spilt across the road.
W05/03	18/06/03	KARRINYUP	Kerosene UN1223	Spillage occurred during the filling of a household kerosene tank from a tanker vehicle. The flexible coupling clamp to hose reel failed resulting in the loss of 1400 L before driver could shut it down.
W06/03	18/07/03	CUBALLING	Petrol UN1203 Diesel Fuel	A rigid tanker and dog trailer vehicle combination rolled over while travelling on a narrow gravel road with some large pot-holes.  About 4 kL of diesel spilled from a damaged compartment. A small amount of petrol leaked from one of the hatches.
	03/10/03	KEWDALE	Sodium Hydroxide Solution UN 1824	Sodium hydroxide solution observed leaking from the closure on a 205 L drum (horizontally orientated) during transport by a utility vehicle.

# Major Hazard Facilities Incident Log 2003

Date	Location	Goods	Incident Details
S11555	11/12/03	KWINANA	LP Gas  Pressure variations at the flare header resulted in a back pressure to the atmospheric tanks resulting in the lifting up of Pressure Sensitive valves (PSVs) for the storage tanks.  The quantity of vapour released was small and was dispersed safely from height.