

## TRANSPORT OXIDISING AGENT CLASS 5.1

*This Emergency Procedure Guide, with all details completed below, must be carried at all times when transporting explosives and/or dangerous goods.*

	<b>Authorised Product Name:</b>	<b>UN Number</b>	<b>Classification Code</b>	<b>HazChem Code</b>
	RIOFLEX MATRIX, RIOFLEX OM3 MATRIX, RIOFLEX OM17 MATRIX, RIOFLEX OM19 MATRIX, RIOPRILL, AMMONIUM NITRATE			
	<b>Proper Shipping Names:</b>			
	AMMONIUM NITRATE SUSPENSION, intermediate for blasting explosives	3375	5.1	1YE
AMMONIUM NITRATE (AN) with $\leq 0.2\%$ combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1942			
AMMONIUM NITRATE (AN) fertiliser grade with added matter which is inorganic and chemically inert towards AN, contains $\geq 90\%$ AN & $\leq 0.2\%$ of combustible material (including organic material calculated as carbon), or containing $< 90\%$ AN but $> 70\%$ of AN & $<$ than $0.4\%$ of total combustible material.	2067			

## EMERGENCY CONTACTS

**EMERGENCY RESPONSE SERVICE: DIAL 1800 833 111**

**EMERGENCY SERVICES: DIAL 000**

Organisation	Location	Telephone	Point of Contact
MAXAM Australia Pty Ltd. Business Hours Contact Number	Brisbane Queensland	07 3717 1818 1800 657 072	HSS Manager
MAXAM Australia Pty Ltd. 24 Hour Emergency Response	Australia	1800 833 111	HSS Manager

## HAZARDS

<b>FIRE</b>	<ul style="list-style-type: none"> <li>Will accelerate burning when involved in a fire</li> <li>May explode from heating, shock, friction or contamination</li> <li>Fire may produce irritating, toxic, and/or corrosive gases</li> <li>Containers may explode when heated</li> <li>May decompose explosively when heated or involved in a fire</li> </ul>
<b>HEALTH</b>	<ul style="list-style-type: none"> <li>Inhalation or contact with vapour, dusts or substance may cause severe injury, burns or death</li> </ul>
<b>OTHER</b>	<ul style="list-style-type: none"> <li>Keep unauthorised personnel away</li> </ul>

## EVACUATION

- IMMEDIATELY CONTACT POLICE OR FIRE BRIGADE.
- Advise Emergency Services that 'Security Sensitive Ammonium Nitrate substances are involved in the incident'.
- Evacuation distance in all directions based on transport NEQ

NEQ on Transport	Evacuation distance
Up to 1000 kg	400m
1000 kg and up to 5000 kg	600m
5000 kg and up to 20,000 kg	1000m
20,000 kg and greater	1600m

- Use terrain or buildings for shielding.
- Stay clear of windows.

## FIRST AID

- Obtain immediate medical care – Ensure that attending medical personnel are aware of identity and nature of product(s) involved, and take precautions to protect themselves.
- Remove contaminated clothing and shoes immediately.
- In case of contact with material, immediately flush skin or eyes with running water for at least 15mins.

## EMERGENCY PROCEDURES

IF THIS HAPPENS	DO THIS
Spill or Leak	<ul style="list-style-type: none"> <li>• Do not contaminate</li> <li>• Keep combustibles (wood, paper, clothing, oil and so on) away from spilled material</li> <li>• Do not touch damage containers or spilled material unless wearing appropriate protective clothing</li> <li>• Use water spray to knock down vapours or divert vapour or divert vapour clouds</li> <li>• Prevent entry into waterways, drains or confined areas</li> <li>• Prevent exposure to heat</li> <li>• Seek Advice using the Emergency contact details on page 1.</li> </ul>
Vehicle Accident	<ul style="list-style-type: none"> <li>• Contact Emergency services.</li> <li>• Do not move vehicle if causes spillage.</li> <li>• Do not disentangle or move accident vehicles without specialist advice.</li> <li>• Maintain security of Explosives if storage is damaged / compromised.</li> </ul>
Cargo Fire	<ul style="list-style-type: none"> <li>• Do not fight fire when fire reaches cargo. Cargo may EXPLODE.</li> <li>• Contact Police by telephone or messenger. Tell them location, material in load and quantity.</li> <li>• Stop and divert all traffic and clear the area of people in all directions as directed above in "Evacuation" information.</li> <li>• Allow the cargo to burn and keep the area isolated for at least one hour after all fire and explosions have ceased.</li> </ul>
Engine/Cabin fire	<ul style="list-style-type: none"> <li>• Shut off engine and any electrical equipment and leave off.</li> <li>• Remove burning materials if safe to do so.</li> <li>• Use fire extinguisher provided in vehicle. Direct contents through any available opening without raising the bonnet if possible.</li> <li>• If necessary, extinguish the fire with sand, earth or large amounts of water.</li> <li>• If fire cannot be contained, treat as cargo fire.</li> </ul>
Tyre Fire	<ul style="list-style-type: none"> <li>• Stop vehicle - access fire in relation to load and its hazards.</li> <li>• Flood tyre with plenty of water – if water is not available, use fire extinguisher provided in vehicle, earth or sand.</li> <li>• If safe to do so, change tyre and place at least 15m away from vehicle in an area clear of combustible materials: tyre may reignite – stand by and have an extinguisher ready.</li> <li>• If fire cannot be contained, treat as cargo fire</li> </ul>
Brake Overheating	<ul style="list-style-type: none"> <li>• Stop vehicle. Assess fire, if any, in relation to load and its hazards.</li> <li>• Allow brake to cool.</li> <li>• Use extinguisher or water only if there is a fire or immediate threat of fire.</li> <li>• Do not drive vehicle until the brakes have been inspected by a competent person and, if necessary, repaired.</li> </ul>

**IN ALL CASES, NOTIFY THE AUTHORITIES**

*Prepared in accordance with the Australian dangerous goods code for land transportation of dangerous goods, "The Australian Dangerous Goods Code".*

<b>C&amp;L-P01-G02</b> <b>Emergency Procedure Guide –</b> <b>Class 5.1 Oxidizing Agent</b>	<b style="color: red;">Uncontrolled if Printed or Saved</b>  <b>Page 2 of 2</b>	<b>Revision: 4</b>  <b>Issue Date: 8/03/2017</b>
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