



#### **UNEP / ICCA Workshop**

#### **TEMA**

#### **June 2014**





#### Labels

All packages containing DG <u>must</u> display labels identifying the product hazard.

DG Class labels are <u>always</u> shown in diamond format.

Class labels should not be less than 100mm square, except for small packages.

# NUSCLE-UP® (Construction)



tivia tangumatri

Siders pilots

#### HRAC HERBICIDE GROUP CODE G

A water soluble concentrate non-selective, foliar applied systemic herbicide for the control of a wide range of annual and perennial weeds in agricultural, non-crop and industrial areas.

#### Active Ingredient

(Dyphosate (plycine) (Polassiam salt) 500 p 7



Registered, Manufactured and Datelliand by: Ap-Date Prior Phys (M Bing, No. 1966/97/1162), PCBN 201, Enveron, UTD, Noting, VGA, Mc (872) 405-0145 - Fair (870) 400 M/18 Manufactured and American Sciences (870)

CAUTION



3

SHAKE WELL Shake well before use • Store at room temperature Keep out of direct sunlight . Keep container closed when not in us **X** 

The product is a liquid mixture:

- Classified as a suspected reproductive toxicant, classification 6.8B and as flammable liquid, classification 3.1C
- Has a UN RTDG classification of "flammable liquid, UN 1263"



#### Label for a Small Workplace Container (10 Litres)

DANGER KEEP OUT OF REACH OF CHILDREN PLEASE READ THE LADEL COMPLETELY DEFORE USE

#### **GRAMOXONE® 250**

HERBIGIDE

Active ingredent GRANOXONE 200 contains 200 gilline PARAQUAT as the dishloride salt. In the form of a solutile concentrate.

For weed control in Clover seed crops, Drains, Forestry, Industrial sites, Lucerne, Streets, Waterways and the control of Barley grass.

Not Contents: 5 and 20 litree

Registered pursuant to the ACVM Act 1997, No. P110. See www.nztsa.govt.nziscomi for registration conditions

Approved pursuant to the HSNO Act 1990, Approval Code HSP000028.

Syngenia Crop Protection Limited Tower 2, Level 7, 110 Symonds Street, Auskianci

UN-3016 BIPYR DILIUM PESTICIDE, LIQUID, TOXIC, N.O.S. (Contains: paraglat 25%) PACKING GROUP III, HAZCHEM 2X CONTAIN SPILLAGE

in a transport emergency doi 111, Police or Fire Brigade. For specialist advice in an emergency only, call

#### This product NUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.

This product NUST be Tracked and controlled by an Approved Handler



#### SYMPTOMS OF POISONING

An early symptom of poisoning may be voniting, athough other symptoms include stomach pains, nausea and suming of the mouth. In the event of any of the acove symptoms the first aid teatment presented below must be followed in fut.

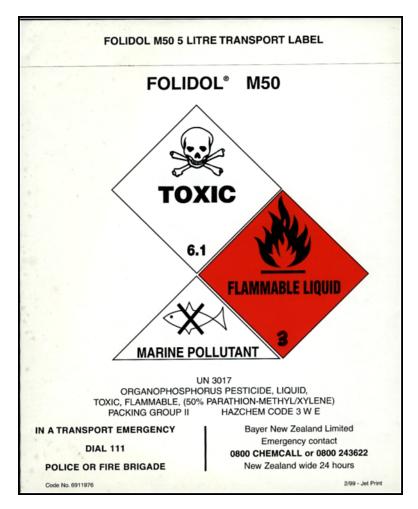
#### FIRST AID

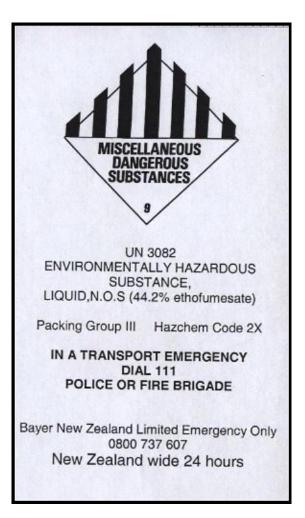
If poisoring is suspected rush to an Accident and Emergency Department of the nearest hospital after aering them by teepnone. It swallowed, DD NOT house volniting, nor advice, contact the National Poisons Centre 0800 POISON (0800 T64 766) or a doctor Immediately. If breathing has stopped, commence mouth to nose sessication (rather than mouth to mouth). Use alternative respiratory or proper respiratory service. Wash splashes of contentrate from the skin immediately. Remove contaminated cothing and immediately wash affected areas of skin. DO NOT sorub the skin. If the concentrate is splashed in the eyes flush with running water for 15 minutes then get medicat attention.





#### **Dangerous Goods Package Labels**









- Substances having two or more hazards above the DG Transport threshold are identified in UN DG List as:
- Primary Class or Division; and
- Subsidiary Risk.



### **Subsidiary Risk Labels**

All class labels must display the Class number regardless if it is the Primary or Secondary risk.



Example: UN No.1072 OXYGEN COMPRESSED Primary Risk 2.2 Subsidiary Risk 5.1







**Marking of Cargo Transport Units** 

### Packaged DG exceeding 4,000 kg assigned one UN number <u>must</u> display the UN Number.











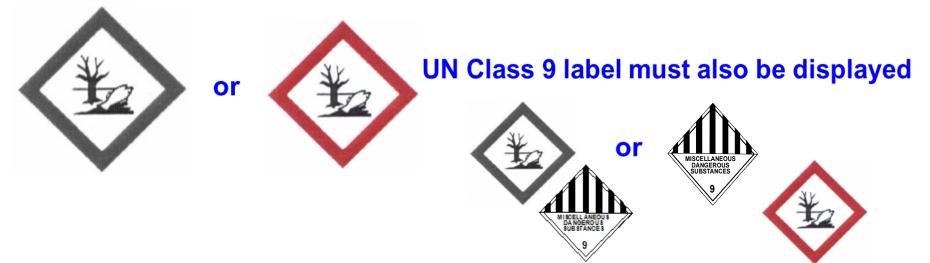
#### Marine Pollutant Mark

Cargo Transport Units containing marine pollutants <u>must</u> clearly display the marine pollutant mark.





#### Ecotoxic mark <u>must</u> be displayed on all containers of Environmentally Hazardous substances UN Nos. 3077 and 3082.



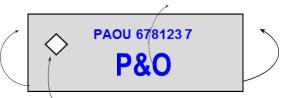




#### **Placard Placement on VEHICLES**



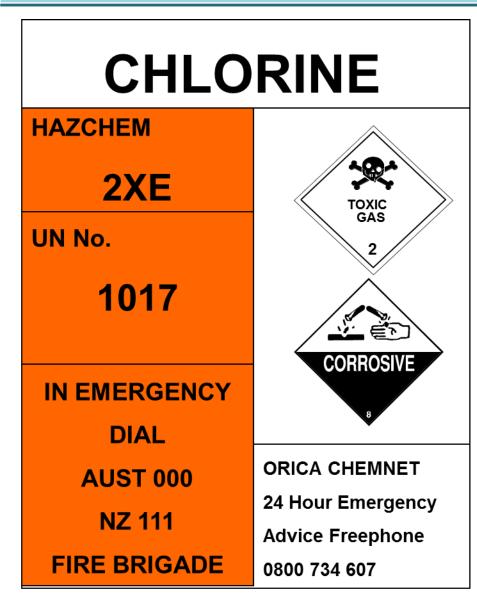
**On CONTAINERS** 



## On LAND – one each side, on diagonally opposite corners.

At SEA – one each end.





## Emergency Information Panel





## **Packaging Requirements**

- All packaging containing chemicals <u>must</u> be fit for transport and storage.
- All packaging material <u>must not</u> be able to contaminate or react with the contents.



### Packaging

- Bulk Containers.
  - Cargo Transport Units.







**Chemical Drums** 





#### >Drums.

**BCs**.

#### Consumer Products.



#### **Mandatory UN Certification Mark**

U 4G/X30/S/96/GB/8999		U 1A1/Y1.6/250/96/USA/VL			
	N symbol	U UN	l symbol		
4	Вох	1	Drum		
G	Fibreboard	Α	Steel		
		1	Type of Drum - fixed head		
Х	Suitable for PG I, II or III substances	Y	Suitable for PG II or III substances		
30	Gross mass in kg	1.6	Relative density		
S	Solids or inner packages	250	Hydraulic test pressure		
96	Year of manufacture	96	Year of manufacture		
GB	Country of certification	USA	Country of certification		
8999	Identification	VL	Identification		
		Constantial of the second	Ornanse and Providence		



## UN Certification Mark Plastic Drum

## U 1H1/X1.5/250/00 ROK/2R





## Packaging

- Type tested.
- Certified.
- Validity.
- UN Packaging Symbol.



- **X** Packing Group I, II and III
- Y Packing Group II and III
- Z Packing Group III



#### **Acceptance for Transport**

- All DG packages <u>must</u> have the following markings:
- Proper Shipping Name.
- Class (diamond label).
- ✓ UN Number.
- Marine Pollutant triangle (if required).
- ✓ UN Packing Symbol.
- ✓ Name of Manufacturer or Sender.
- ✓ Name of Receiver.





#### Packaging

#### Some of the more obvious things to look out for:

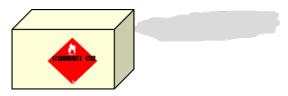
#### 1. Leaks



2. Dampness and/or stains

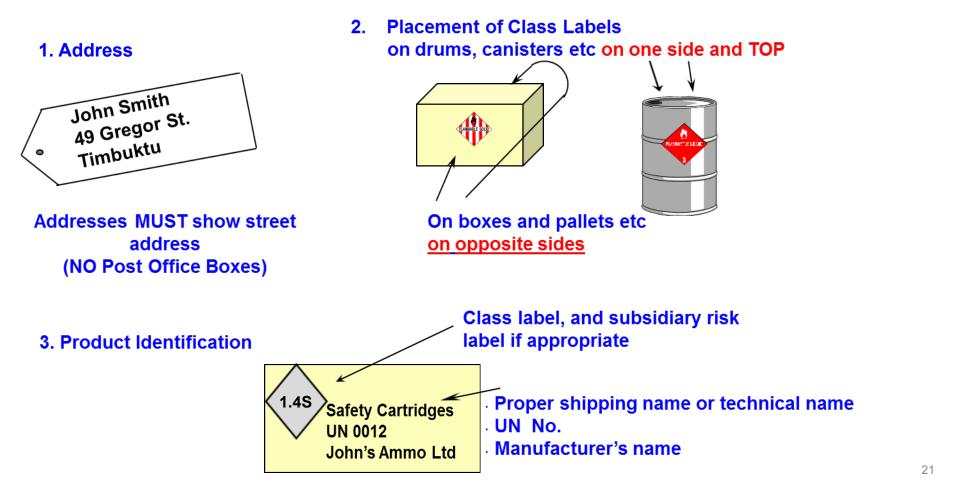


3. Fumes or smells



- 4. Protective caps on cylinders etc.
  - cap securely on
- 5. The outer package is strong enough, i.e. fit for purpose
- Glass products suitably protected.
- ✓ Drums and canisters have secure lids/fittings.
- ✓ Signs of rust, gouging, etc.
- ✓ Valid certification.

#### Package Labelling The three checks that <u>must</u> be made are:







#### Is this consignment compliant?





#### **Compliant?**







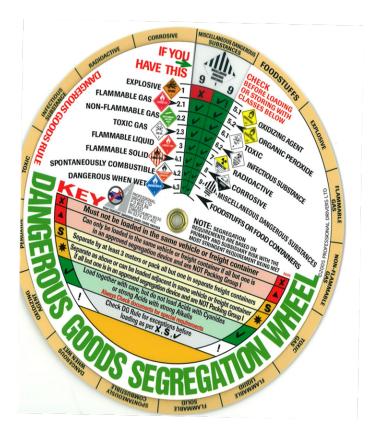
#### **Consignment Documentation**

All DG <u>must</u> be accompanied by a DG Declaration highlighting Emergency Response information.

INTERNATIONAL

binning	(a) EXTRACTS,FLAVOURING,LIQUID (b) "DG LIMITED QUANTITIES"		Clag (a) (b)	1197 (a) Number (b)		
(c) DO LIN	ITED QUANTITIES		(c) (c)			
Common (a) Lemon Es	ssence		Subsidiary (a)	Hazchem (a)		
(b)			risk (b)	code (b)		
(c)			(c)	(c)		
ackages (b)	itre Bottles in 2 cartons		Packaging (a) III group (b)	Flash (a) 52 C (b)		
(c)			(c)	(c)		
aross weight (a) 42 kg	kg Volume (a) (cubic metres) (b)	m <sup>3</sup>	Marine pollutant	(a) Yes No		
or explosives) (b) (c)	kg (cubic mears) (b) kg (c)	m <sup>3</sup>	If declared under an NOS generic entry the recogn	or 21		
(c) Additional information	ny (c)		chemical of the Marine Pollutant is required.	(b) Yes No		
see note on writing shield			Pollutant is required.	(c) Yes No		
	od Preservatives					
hipper/Consignor lame & Address 16 Turne	er Cres					
Upper H		4) 546 7778 Phone	(04) 546	5 7778 Fax		
eceiver/Consignee Smith's		(03) 332	0 4567			
lame & Address Main St Temuka		(05) 55. Phone		Fax		
After hours emergency contact phone	(021) 333 663	Carrier				
accurately described above by the packaged, marked and labelled/p	Its of this consignment are fully and the proper shipping name and are class placarded, and are in all respects in pr ig to the applicable international and	roper Comp.	B. Good Warehouse any/Location Upper Hut B Good			
The section below is to be co	ompleted by the person packing t					
The section below is to be to	Sea Container/ Tank No. LUCO 123	Sailing				
Rail Road		12.07	Time			
Rail Road	Wagon No. UK 1234					
Rail Road Cargo Transport Unit	Wagon No. UK 1234 If rail	Specia	nk I conditions apply	IBC Special conditions apply		
Rail Road Cargo Transport Unit	If rail Container	Specia as cont	nk I conditions apply tained in sec 13, 14, and he IMDG Code			
Rail     Road       Cargo Transport Unit Type of containment     Open       Open     X       Closed	If rail Container Special conditions apply as contained in sec 12 of	Specia as cont 25 of t	I conditions apply tained in sec 13, 14, and	Special conditions apply as contained in sec 25 and 26 of the IMDG Code		
Rail     Road       Cargo Transport Unit       Type of containment       Open       X       Closed       Position of       dangerous goods       in unit	If rail Container Special conditions apply as contained in sec 12 of the IMDG Code	Specia as cont 25 of t	I conditions apply tained in sec 13, 14, and the IMDG Code	Special conditions apply as contained in sec 25 and 26 of the IMDG Code		
Rail     Road       Cargo Transport Unit Type of containment     Open       Open     X Closed       Position of dangerous goods n unit	If rail	Specia as com 25 of t Panter	I conditions apply tained in sec 13, 14, and the IMDG Code	Special conditions apply as contained in sec 25 and 26 of the IMDG Code		
Rail       Road         Cargo Transport Unit         Type of containment         Open         Opic of Closed         Position of dangerous goods         in unit         Mark with X	If rail Container Special conditions apply as contained in sec 12 of the IMDG Code Railway wagon/container XX Hand	Specia as com 25 of 1 Pantee Bbrake Name Title	I conditions apply lained in set 31.4, and the IMDG Code th / Artic / Truck and traile T.Cruze LFO TL Wet	Special conditions apply as contained in sec 25 and 26 of the IMDG Code		
Rail Road Cargo Transport Unit	If rail Container Special conditions apply as contained in sec 12 of the IMDG Code Railway wagon/container XX Hand here been loaded into the 201234567	Specia as coni 25 of t Panter dbrake	I conditions apply lained in set 31.4, and the IMDG Code th / Artic / Truck and traile T.Cruze LFO TL Wet	Special conditions apply as contained in sec 25 and 26 of the IMDG Code		





### **DG Segregation**



#### **Emergency Response**



INTERNATIONAL

shipping	AVOURING,LIQUID D QUANTITIES"		Clag (a) (b) (c)	119	(a) lumber (b) (c)	
Common (a) Lemon Essen	ce		Subsidiary (a) risk (b) (c)		iazchem (a) ode (b) (c)	
	Bottles in 2 cartons		Packaging (a) group (b)		lash (a) ioint (b) (c)	52 C
iross weight (a) 42 kg (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	g (cubic metres) (b)	m <sup>3</sup> m <sup>3</sup>	Marine pollutant If declared under a generic entry the r chemical of the Ma Pollutant is require	ecognised rine	(a) X (b) Yes	No No
Ace Food Pr 16 Turner Cr Upper Hutt exeiver/Consignee 8 Address Smith's Bake Main St	es (04) 540 Phone ery	6 7778 (03) 332		546 777 Fax	8	
Temuka After hours emergency ontact phone	(021) 333 663	Carrier		Fax		
Dangerous Goods Declaration hereby declare that the contents of t accurately described above by the prop sackaged, marked and labelled/placar condition for transport according to t hational government regulations and	ser shipping name and are classified, ded, and are in all respects in proper he applicable international and	Name Title Compa Signate	B Good	nouse Mgr r Hutt		lar 02
The section below is to be comple Rail Road Sea	ted by the person packing the tran Container/	sailing				
	Tank No. LUCO 1234567 Wagon No. UK 1234	If sea	Time			
Cargo Transport Unit Container Type of containment Special conditions apply Open Closed the IMDG Code		Tank IBC Special conditions apply as contained in sec 13, 14, and 25 of the IMDG Code and 26 of the IMDG Code				
Position of Railway wagon/container		Pantech / Artic / Truck and trailer				
dangerous goods in unit Mark with X	XX Handbrake	Cab				
Packing Declaration hereby declare that the goods have to LUCO 1.	een loaded into the 234567	Name Title Company/L	T.Cruze LFO TL	Wgtn		





## UNEP Awareness and Preparedness for Emergencies at Local Level (APELL)

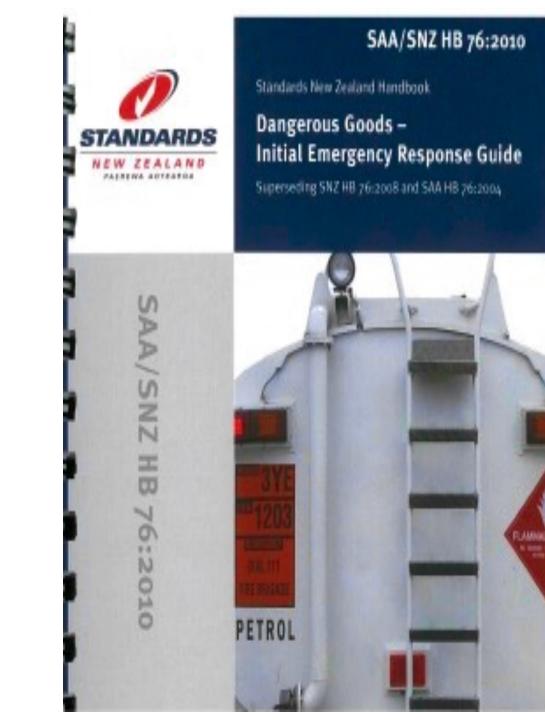








#### Managing a Chemical Emergency





#### **Improving Chemical Management**

## Implement best practice. Continuous Improvement. Role models.



## **Capacity Building**

- Legislation.
- Education.
- Training.
- Performance monitoring.



UNEP and ICCA chemical safety initiatives have common goals:

- Ethical commitment to protect people and our environment.
- ✓ Safe operational environments.
- Facilitate safe chemical management particularly in SMEs.
- ✓ Effectively manage chemical incidents.
- Monitor and report performance.
- Frank and timely communication with public.



#### Safe Chemical Management: A 'banquet' from which you choose the healthy food you 'need', as well as 'like'!







- Provides proven, comprehensive, cost-effective chemical management system.
- Access to world-class advice.
- Assistance at government, industry and company level.
- Cost-effective solutions.
- ✓ Focus on SMEs.
- Continuous Improvement.

- Senchmark performance against 65 countries.





#### Who is our next local success story?



