

**Grosafe Chemicals Ltd**

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EMERGENCY INFORMATION : STORAGE GUIDE : DANGEROUS GOODS DECLARATION**HORTCARE™ Hi-Break™**

Plant Growth Regulator

Substance: Clear dark blue liquid (soluble concentrate) containing 520 g/litre hydrogen cyanamide (CAS No. 420-04-2)**Proper Shipping Name:** : TOXIC LIQUID, INORGANIC (hydrogen cyanamide 52 %)

UN No.:	DG Class	Subsidiary Risk Class	Packing Group	Flash Point (°C)	HAZCHEM	Marine Pollutant	Maximum Transport Quantity:
3287	6.1	N/A	III	N/A	2 X	no	250 litres
HSNO Class: 6.1C, 6.3A, 6.4A, 6.5B, 6.8B, 6.9A, 9.1D, 9.3B, 9.4C.			HSNO No HSR000807		Tracking Required: yes	Approved Handler: All stages yes	SNZ HB 76: [IER Guide] Guide 34

EMERGENCY PROCEDURES

IF THIS HAPPENS	DO THIS
Tanker/Vehicle Accident	Switch off engine and electrical equipment. Keep people away, warn other traffic. Check for spills, leaks. Dial 111
Spill or Leak	Wear full protective clothing including self-contained breathing apparatus. Prevent further leakage. Absorb spillage with lime or clay, collect and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings. Seek advice from the local authority regarding disposal.
Fire	Dial 111. Product may give off harmful fumes. Wear full protective clothing and breathing apparatus. Use fog, foam, powder or CO ₂ to extinguish. Cool steel drums with water to prevent explosion by thermal expansion. Consider evacuation of the immediate area.

24 HOUR ADVICE IN AN EMERGENCY ONLY: Ph: 0800 565 961**FIRST AID**

If Swallowed	Do NOT induce vomiting. For Advice contact the National Poisons Centre 0800 POISON (0800 764 766) or call a doctor without delay. Note: Avoid alcohol consumption after contact with Hi-Break.
If In Eyes	Immediately flush with water for fifteen minutes. Seek medical advice.
If On Skin	Immediately remove contaminated clothing and wash affected areas thoroughly with soap and water. Seek medical advice.
If Inhaled	Remove from exposure. If not breathing give artificial respiration (mouth to mouth). Allow patient to assume the most comfortable position and keep warm. Seek medical advice.

STORAGE and SEGREGATION**Storage:** Store in original sealed container in a cool (below 20 °C.) place away from direct heat or direct sunlight. Store away from foodstuffs, children and animals. Store at 4 °C. in a cool store from one season to the next.**Aggregate Storage Volume Thresholds:**

Location Certificate:	Hazardous Atmosphere Zone:	Fire Extinguisher:	Hazard Class and Emergency Action Signage:	Emergency Information:	Emergency Plan:	Secondary Containment:
N/A	N/A	N/A	1,000 litres	All quantities	> 100 litres	> 100 litres

Note:

DO NOT STORE OR LOAD WITH:

Class: 1, 5.1, 5.2, 7, food items, cyanides, strong acids.

SEGREGATE FROM:

Class: 4.3, 5.1 oxidizing agent, 5.2 organic peroxide, Food items (by at least 3m or in a segregation device on a vehicle)

SEGREGATION: Check the Land Transport Rule Dangerous Goods 1999, Rule 45001 for additional information.

Sea Transport may require additional segregation; refer NZS5433 for details.

No. and Kind of Packages:	Gross Weight:	kg	Volume:	m ³
Consignor (from):	Consignee (to):			

Dangerous Goods Declaration:

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled, and are in all respects in proper condition for transport according to the applicable international and national rules, regulations and legislation.

Name:**Title:****Signature:****Date:****DISCLAIMER:** The information provided above is based upon sources believed to be accurate. However Grosafe Chemicals Ltd assumes no responsibility for the accuracy, completeness or suitability of this information. The consignor and the consignee are responsible for determining the suitability of this information for their particular purpose.