



Grosafe Chemicals Ltd

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EMERGENCY INFORMATION : STORAGE GUIDE : DANGEROUS GOODS DECLARATION

HORTCARE® Hi-Break®

Plant Growth Regulator

Substance: Clear dark blue soluble concentrate containing 540 g/L hydrogen cyanamide (CAS No 420-04-2)

Proper Shipping Name: TOXIC LIQUID, INORGANIC (HYDROGEN CYANAMIDE 52%)

UN No.: 3287	DG Class 6.1	Subsidiary Risk Class N/A	Packing Group III	Flash Point (°C) N/A	HAZCHEM 2X	Marine Pollutant No	Maximum Transport Quantity: 250 L (See Note 1)
HSNO Class: Acute oral toxicity Cat 3, Acute dermal toxicity Cat 4, Acute inhalation toxicity Cat 4, Skin irritation Cat 2, Eye irritation Cat 2, Skin sensitisation Cat 1, Reproductive toxicity Cat 2, Specific target organ toxicity (repeated exposure) Cat 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates.				HSNO No HRC00001	Tracking Required: No	Certified Handler: No	SNZ HB 76: [IER Guide] 47

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 (Fire Brigade)
Spill or Leak	Wear overalls, chemical resistant gloves, boots and safety goggles. 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.
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 nose). 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 30 °C.) place away from direct heat or direct sunlight. Store away from foodstuffs, children and animals. Keep container sealed.

Aggregate Storage Volume Thresholds:

Location Certificate:	Hazardous Atmosphere Zone:	Fire Extinguisher:	Hazard Class and Emergency Action Signage:	Emergency Information:	Emergency Plan:	Secondary Containment:
1000 L	N/A	N/A	1000 L	All quantities	100 L	100 L
Note:						

DO NOT STORE OR LOAD WITH:

Class 1: Explosives; Class 5 Oxidizers

SEGREGATE FROM:

Food or food containers

SEGREGATION: Check the Land Transport Rule Dangerous Goods, Rule 45001 for additional information. Sea Transport may require additional segregation; refer NZS5433 for details. Note 1: Quantity limit for DG transported for domestic or recreational purpose, for agricultural or commercial purpose but not transported for hire or direct reward. NZS5433

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.