

# HAZARDOUS SUBSTANCES TOOLBOX

www.hazardoussubstances.govt.nz

## CAMDEN DAIRY FARMS LTD

CLOSED INVENTORY PIN **CAE4CA**

Printed on the 21 Mar 2024. You can use the PIN above to access your inventory again in the future.

### INVENTORY LIST



INVENTORY ITEM	APPROVAL NUMBER	SUBSTANCE STATE	AMOUNT / MAX STORAGE CAPACITY	UN NUMBER
1. CONQUEST	HSR000553	Liquid	20 L	
<b>Substance Location:</b> Workroom				
<b>Hazard Classifications:</b> 3.1D, 6.1D, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A, 9.3C				
<b>GHS Classifications:</b>				
<b>Incompatible with:</b> Chloride of Lime; XY-12				
2. TAG G2	HSR007866	Liquid	20 L	
<b>Substance Location:</b> Workroom				
<b>Hazard Classifications:</b> 6.1E, 6.4A, 6.8B, 6.9B, 9.1A, 9.2A, 9.3C				
<b>GHS Classifications:</b>				
3. AQUAKLENZ HV CONCENTRATE	HSR002526	Liquid	200 L	3264
<b>Substance Location:</b> Workroom				
<b>Hazard Classifications:</b> 6.1D, 8.1A, 8.2B, 8.3A, 9.1D, 9.3C				
<b>GHS Classifications:</b>				
<b>Incompatible with:</b> Chloride of Lime; XY-12				
<b>Storage &amp; Segregation</b> Keep away from strong bases. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers. 0 °C to 45 °C				

INVENTORY ITEM	APPROVAL NUMBER	SUBSTANCE STATE	AMOUNT / MAX STORAGE CAPACITY	UN NUMBER
4. Automotive Engine oil	HSR002734	Liquid	20 L	
<b>Substance Location:</b> Workshop <b>Hazard Classifications:</b> 6.5B, 6.8C <b>GHS Classifications:</b>				
5. AVOID	HSR002526	Liquid	100 L	1824
<b>Substance Location:</b> Workroom <b>Hazard Classifications:</b> 6.1D, 8.1A, 8.2B, 8.3A, 9.1D, 9.3C <b>GHS Classifications:</b> <b>Incompatible with:</b> Chloride of Lime; XY-12 <b>Storage &amp; Segregation</b> Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.				
6. Bloatenz Plus	HSR002521	Liquid	200 L	
<b>Substance Location:</b> Workroom <b>Hazard Classifications:</b> 6.1E, 6.4A, 9.1D <b>GHS Classifications:</b> <b>Storage &amp; Segregation</b> Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.				
7. Chloride of Lime	HSR002591	Solid	20 kg	2208
<b>Substance Location:</b> Workroom <b>Hazard Classifications:</b> 5.1.1C, 6.1D, 8.1A, 8.2C, 8.3A, 9.1A, 9.2A, 9.3C <b>GHS Classifications:</b> <b>Incompatible with:</b> CONQUEST; AQUAKLENZ HV CONCENTRATE; AVOID; CRC Lubricant; Hibitane 2; XY-12; Petrol (unleaded); Diesel fuel (automotive gas oil and marine diesel fuel) <b>Storage &amp; Segregation</b> Keep in a cool, well-ventilated place. Keep away from reducing agents. Keep away from combustible material. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.				

INVENTORY ITEM	APPROVAL NUMBER	SUBSTANCE STATE	AMOUNT / MAX STORAGE CAPACITY	UN NUMBER												
8. CRC Lubricant	HSR002602	Liquid	4 L													
<table border="0"> <tr> <td data-bbox="188 304 467 327"><b>Substance Location:</b></td> <td data-bbox="520 304 643 327">Workroom</td> </tr> <tr> <td data-bbox="188 356 395 412"><b>Hazard Classifications:</b></td> <td data-bbox="520 356 643 378">3.1D, 6.1E</td> </tr> <tr> <td data-bbox="188 439 459 461"><b>GHS Classifications:</b></td> <td></td> </tr> <tr> <td data-bbox="188 490 443 512"><b>Incompatible with:</b></td> <td data-bbox="520 490 802 512">Chloride of Lime; XY-12</td> </tr> <tr> <td data-bbox="188 584 355 640"><b>Storage &amp; Segregation</b></td> <td data-bbox="520 544 1473 685">Metal can or drum. Packaging as recommended by manufacturer. Check all containers are clearly labelled and free from leaks. Water in contact with heated material may cause foaming or a steam explosion with possible severe burns from wide scattering of hot material. Resultant overflow of containers may result in fire. Avoid reaction with oxidising agents.</td> </tr> </table>					<b>Substance Location:</b>	Workroom	<b>Hazard Classifications:</b>	3.1D, 6.1E	<b>GHS Classifications:</b>		<b>Incompatible with:</b>	Chloride of Lime; XY-12	<b>Storage &amp; Segregation</b>	Metal can or drum. Packaging as recommended by manufacturer. Check all containers are clearly labelled and free from leaks. Water in contact with heated material may cause foaming or a steam explosion with possible severe burns from wide scattering of hot material. Resultant overflow of containers may result in fire. Avoid reaction with oxidising agents.		
<b>Substance Location:</b>	Workroom															
<b>Hazard Classifications:</b>	3.1D, 6.1E															
<b>GHS Classifications:</b>																
<b>Incompatible with:</b>	Chloride of Lime; XY-12															
<b>Storage &amp; Segregation</b>	Metal can or drum. Packaging as recommended by manufacturer. Check all containers are clearly labelled and free from leaks. Water in contact with heated material may cause foaming or a steam explosion with possible severe burns from wide scattering of hot material. Resultant overflow of containers may result in fire. Avoid reaction with oxidising agents.															
9. Diesel fuel (automotive gas oil and marine diesel fuel)	HSR001441	Liquid	1500 L	3082												
<table border="0"> <tr> <td data-bbox="188 1039 467 1061"><b>Substance Location:</b></td> <td data-bbox="520 1039 746 1061">Open outdoor area</td> </tr> <tr> <td data-bbox="188 1090 483 1113"><b>Stationary Container:</b></td> <td data-bbox="520 1090 746 1113">Above ground tank</td> </tr> <tr> <td data-bbox="188 1142 395 1198"><b>Hazard Classifications:</b></td> <td data-bbox="520 1142 850 1164">3.1D, 6.1E, 6.3B, 6.7B, 9.1B</td> </tr> <tr> <td data-bbox="188 1227 459 1249"><b>GHS Classifications:</b></td> <td></td> </tr> <tr> <td data-bbox="188 1279 443 1301"><b>Incompatible with:</b></td> <td data-bbox="520 1279 802 1301">Chloride of Lime; XY-12</td> </tr> <tr> <td data-bbox="188 1429 355 1485"><b>Storage &amp; Segregation</b></td> <td data-bbox="520 1332 1473 1585">Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</td> </tr> </table>					<b>Substance Location:</b>	Open outdoor area	<b>Stationary Container:</b>	Above ground tank	<b>Hazard Classifications:</b>	3.1D, 6.1E, 6.3B, 6.7B, 9.1B	<b>GHS Classifications:</b>		<b>Incompatible with:</b>	Chloride of Lime; XY-12	<b>Storage &amp; Segregation</b>	Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
<b>Substance Location:</b>	Open outdoor area															
<b>Stationary Container:</b>	Above ground tank															
<b>Hazard Classifications:</b>	3.1D, 6.1E, 6.3B, 6.7B, 9.1B															
<b>GHS Classifications:</b>																
<b>Incompatible with:</b>	Chloride of Lime; XY-12															
<b>Storage &amp; Segregation</b>	Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.															
10. FIL Antigerm	HSR002530	Liquid	4 L	3082												
<table border="0"> <tr> <td data-bbox="188 1774 467 1796"><b>Substance Location:</b></td> <td data-bbox="520 1774 643 1796">Workroom</td> </tr> <tr> <td data-bbox="188 1825 395 1881"><b>Hazard Classifications:</b></td> <td data-bbox="520 1825 994 1848">6.1E, 6.3A, 6.4A, 6.5A, 6.5B, 6.9B, 9.1B</td> </tr> <tr> <td data-bbox="188 1910 459 1933"><b>GHS Classifications:</b></td> <td></td> </tr> <tr> <td data-bbox="188 1962 355 2018"><b>Storage &amp; Segregation</b></td> <td data-bbox="520 1962 1473 2018">Keep out of reach of children. Store in a closed container. Keep away from heat and direct sunlight. Store away from food and animal feed.</td> </tr> </table>					<b>Substance Location:</b>	Workroom	<b>Hazard Classifications:</b>	6.1E, 6.3A, 6.4A, 6.5A, 6.5B, 6.9B, 9.1B	<b>GHS Classifications:</b>		<b>Storage &amp; Segregation</b>	Keep out of reach of children. Store in a closed container. Keep away from heat and direct sunlight. Store away from food and animal feed.				
<b>Substance Location:</b>	Workroom															
<b>Hazard Classifications:</b>	6.1E, 6.3A, 6.4A, 6.5A, 6.5B, 6.9B, 9.1B															
<b>GHS Classifications:</b>																
<b>Storage &amp; Segregation</b>	Keep out of reach of children. Store in a closed container. Keep away from heat and direct sunlight. Store away from food and animal feed.															

INVENTORY ITEM	APPROVAL NUMBER	SUBSTANCE STATE	AMOUNT / MAX STORAGE CAPACITY	UN NUMBER
11. Hibitane 2	HSR100759	Liquid	200 L	3082

**Substance Location:** Workroom

**Hazard Classifications:** 6.1E, 8.3A, 9.1A, 9.1B

**GHS Classifications:**

**Incompatible with:** Chloride of Lime; XY-12

**Storage & Segregation** Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

12. Multiple	HSR000760	Liquid	20 L	3082
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**Substance Location:** Workshop

**Hazard Classifications:** 9.1B, 9.2A, 9.3C

**GHS Classifications:**

**Storage & Segregation** Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed. Store in accordance with NZS 8409 Management of Agrichemicals This product is subject to signage when stored in quantities of 100litres or more, either alone or in aggregate with substances of the same hazard classification. 1000litres requires secondary containment and more than 1000litres requires emergency response plans. For full details refer to NZS 8409 Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations).

INVENTORY ITEM	APPROVAL NUMBER	SUBSTANCE STATE	AMOUNT / MAX STORAGE CAPACITY	UN NUMBER
13. Petrol (unleaded)	HRC000003	Liquid	510 L	1203

**Substance Location:** Open outdoor area

**Stationary Container:** Above ground tank

**Hazard Classifications:** 3.1A, 6.1E, 6.3B, 6.7B, 9.1B

**GHS Classifications:**

**Incompatible with:** Chloride of Lime; XY-12

**Storage & Segregation**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Avoid all possible sources of ignition (spark or flame). Avoid excessive heat.

14. Roundup	HSR000227	Liquid	20 L	3082
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**Substance Location:** Workshop

**Hazard Classifications:** 6.1D, 6.4A, 9.1B

**GHS Classifications:**

**Storage & Segregation**

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed. Store in accordance with NZS 8409 Management of Agrichemicals. This product is subject to emergency response plan, secondary containment and signage when stored in quantities of 1000 litres or more, either alone or in aggregate with substances of the same hazard classification. For full details refer to NZS 8409 Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations).

INVENTORY ITEM	APPROVAL NUMBER	SUBSTANCE STATE	AMOUNT / MAX STORAGE CAPACITY	UN NUMBER
15. XY-12	HSR003698	Solid	20 kg	1791

<b>Substance Location:</b>	Workroom
<b>Hazard Classifications:</b>	5.1.1B, 8.2C, 8.3A, 9.1A
<b>GHS Classifications:</b>	
<b>Incompatible with:</b>	CONQUEST; AQUAKLENZ HV CONCENTRATE; AVOID; Chloride of Lime; CRC Lubricant; Hibitane 2; Petrol (unleaded); Diesel fuel (automotive gas oil and marine diesel fuel)
<b>Storage &amp; Segregation</b>	Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

# HAZARDOUS SUBSTANCES CONTROLS

## HAZARDOUS SUBSTANCES CONTROLS & MESSAGES

## CONTRIBUTING SUBSTANCES

### Health Risks

The substances listed below have the potential to affect the health of your workers. If you can not eliminate the substance or substitute for a less hazardous one then you will need to minimise the risks.

Refer to the [Manage Hazardous Substance Risks](#) section of [Your Practical Guide](#)

6.1 - This substance is acutely toxic

6.3 - This substance is irritating to skin

6.4 - This substance is irritating to eyes

6.5 - This substance is a sensitiser

6.6 - This substance can cause mutation

6.7 - This substance can cause cancer

6.8 - This substance can cause adverse reproductive or developmental effects

6.9 - This substance can cause adverse effects on human body organs or systems

8.2 - This substance is corrosive to skin

8.3 - This substance is corrosive to eyes

The "A" indicates the degree of hazard. An "A" classification is generally of a higher hazard than "B" which is a higher hazard than "C" and so on.

- CONQUEST (6.1D, 6.3B, 6.4A, 6.5B, 6.9B)
- AQUAKLENZ HV CONCENTRATE (6.1D, 8.2B, 8.3A)
- Automotive Engine oil (6.5B, 6.8C)
- AVOID (6.1D, 8.2B, 8.3A)
- Bloatenz Plus (6.1E, 6.4A)
- Chloride of Lime (6.1D, 8.2C, 8.3A)
- CRC Lubricant (6.1E)
- FIL Antigerm (6.1E, 6.3A, 6.4A, 6.5A, 6.5B, 6.9B)
- Hibitane 2 (6.1E, 8.3A)
- Roundup (6.1D, 6.4A)
- XY-12 (8.2C, 8.3A)
- TAG G2 (6.1E, 6.4A, 6.8B, 6.9B)
- Petrol (unleaded) (6.1E, 6.3B, 6.7B)
- Diesel fuel (automotive gas oil and marine diesel fuel) (6.1E, 6.3B, 6.7B)

## Generic Controls

If you are using, storing or manufacturing hazardous substances there are a number of controls that will apply to all the substances you hold.

### Inventory

You must prepare and maintain an inventory of all your hazardous substances.

[Regulation 3.1](#)

### Personal protective Equipment

Personal protective equipment must be used to minimise risks to health and safety.

[Regulation GRWM Reg 15](#)

### Safety data sheet

You must have a safety data sheet for all substances listed on your inventory except hazardous waste.

[Regulation 2.11](#)

### Training and Supervision of Workers

Every worker must be trained and supervised appropriately.

[Regulation 4.5](#)

### Labelling

All hazardous substances should be appropriately labelled including substances you have decanted, transferred, manufactured (even for your own use) or have been supplied to you.

[Regulation 2.1](#)

### Packaging

All hazardous substances should be appropriately packaged including substances you have decanted, transferred, manufactured for your own use or have been supplied to you.

[Regulation 2.12](#)

## Emergency Response Plan

You need an emergency response plan.

## Regulations

### 9.1: Regulation 5.6

#### Diesel fuel (automotive gas oil and marine diesel fuel)

An emergency response plan is not required where there is stored at a farm of not less than 4 hectares, the listed substances, in total quantities of less than 2000 litres and or located so that any spillage will not endanger any building, or flow into any stream, lake or natural water.

#### Petrol (unleaded)

An emergency response plan is not required where there is stored at a farm of not less than 4 hectares, the listed substances, in total quantities of less than 2000 litres and or located so that any spillage will not endanger any building, or flow into any stream, lake or natural water.

An emergency response plan is not required where there is stored the listed substances in total quantities of less than 2000 litres, contained in a tank wagon or in secure containers, each individual container with a capacity of less than 250 litres, located so that any spillage will not endanger any building, or flow into any stream, lake or natural water and where the proposed or actual duration of the storage is for a continuous period of less than 14 days.

- Hibitane 2 (9.1A, 9.1B)
- Diesel fuel (automotive gas oil and marine diesel fuel) (9.1B)
- CONQUEST (9.1A)
- Chloride of Lime (9.1A)
- XY-12 (9.1A)
- TAG G2 (9.1A)
- FIL Antigermin (9.1B)
- Multiple (9.1B)
- Roundup (9.1B)
- Petrol (unleaded) (9.1B)

## Fire Extinguishers

You need 2 fire extinguishers

## Regulations

### 3.1: Regulation 5.3

#### Petrol (unleaded)

No fire extinguishers required at unattended service stations.

#### Diesel fuel (automotive gas oil and marine diesel fuel)

No fire extinguishers required at unattended service stations.

- Petrol (unleaded) (3.1A)
- Diesel fuel (automotive gas oil and marine diesel fuel) (3.1D)
- CONQUEST (3.1D)
- CRC Lubricant (3.1D)

## Hazardous Areas

- Petrol (unleaded) (3.1A)

You may need to establish a hazardous area.

## Regulations

3.1: [Regulation 10.6](#)

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## Location Compliance Certificate

- Petrol (unleaded) (3.1A)
- AQUAKLENZ HV CONCENTRATE (8.2B)
- AVOID (8.2B)

You need a location compliance certificate.

Hazardous substance locations need to be separated from public and protected places by a distance that will depend on the quantities you have on site. To work out the separation distances that are required for your site use the [WorkSafe separation distance calculation tool](#).

We have updated the calculator to reflect WorkSafe's policy on Location Compliance Certification for class 6&8 substances, those that are not in storage do not require location certification. You need to update your inventory to confirm class 6 or 8 substances, with the following classifications 6.1A, 6.1B, 6.1C, 8.2A and 8.2B, that are in use (not in storage) by editing the substance and selecting the "not in storage" option so the calculator can determine the appropriate controls.

Note that the threshold quantities for class 6 and 8 certification are different for farms. Please refer to [Regulation 13.38](#)

## Regulations

3.1: [Regulation 10.34](#)

8.2: [Regulation 13.38](#)

### Petrol (unleaded)

There is no requirement for a compliance certificate where less than 2000 litres of the listed substances is stored on a farm of not less than 4 hectares if the conditions sited in the approvals are met.

There is no requirement for a compliance certificate where less than 2000 litres of the listed substances is stored and the proposed or actual duration of the storage is for a continuous period of less than 14 days if the conditions sited in the approvals are met.

## Secondary Containment

You may need secondary containment.

If you have stationary containers the calculator will include these which may give an inaccurate result for this control.

To determine if you need secondary containment and the required capacity you can use the following tool:

<https://www.worksafe.govt.nz/topic-and-industry/hazardous-substances/managing/secondary-containment-systems/>

- Hibitane 2 (9.1A, 9.1B)
- Diesel fuel (automotive gas oil and marine diesel fuel) (9.1B)
- CONQUEST (9.1A)
- TAG G2 (9.1A)
- FIL Antigerm (9.1B)
- Multiple (9.1B)
- Roundup (9.1B)
- Petrol (unleaded) (9.1B)

## Regulations

### 9.1: HPC Part 4 Subpart A

#### **Diesel fuel (automotive gas oil and marine diesel fuel)**

Secondary containment is not required where there is stored at a farm of not less than 4 hectares, the listed substances, in total quantities of less than 2000 litres and or located so that any spillage will not endanger any building, or flow into any stream, lake or natural water.

Secondary containment is not required where there is stored the listed substances in total quantities of less than 2000 litres, contained in a tank wagon or in secure containers, each individual container with a capacity of less than 250 litres, located so that any spillage will not endanger any building, or flow into any stream, lake or natural water and where the proposed or actual duration of the storage is for a continuous period of less than 14 days.

#### **Petrol (unleaded)**

Secondary containment is not required where there is stored at a farm of not less than 4 hectares, the listed substances, in total quantities of less than 2000 litres in a surface container, or less than 2500 litres in a stationary container system that is located so that any spillage will not endanger any building, flow into any stream, lake or natural water.

Secondary containment is not required where there is stored the listed substances in total quantities of less than 2000 litres, contained in a tank wagon or in secure containers, each individual container with a capacity of less than 250 litres, located so that any spillage will not endanger any building, or flow into any stream, lake or natural water and where the proposed or actual duration of the storage is for a continuous period of less than 14 days.

## Secured Substances

- Petrol (unleaded) (3.1A)

These substances must be secured from access by persons other than those permitted by the PCBU to access the substance.

## Regulations

3.1: [Regulation 10.4](#)

## Signage

You need signage. Your signs can be displayed in either GHS or DG format. The signs below show the hazardous properties for your substances in GHS format.

## Regulations

3.1: [Regulation 2.5](#)

8.2: [Regulation 2.5](#)

9.1: [Regulation 2.5](#)

9.1: [HPC Part 4 Subpart A](#)

- Hibitane 2 (9.1A, 9.1B)
- Petrol (unleaded) (3.1A, 9.1B)
- Diesel fuel (automotive gas oil and marine diesel fuel) (9.1B)
- CONQUEST (9.1A)
- Chloride of Lime (9.1A)
- XY-12 (9.1A)
- TAG G2 (9.1A)
- FIL Antigerm (9.1B)
- Multiple (9.1B)
- Roundup (9.1B)
- AQUAKLENZ HV CONCENTRATE (8.2B)
- AVOID (8.2B)

### Petrol (unleaded)

There is no requirement for signage where less than 2,000 litres of the petrol is stored on a farm of equal to or more than 4 hectares in area.



Dangerous to the Environment



Flammable



Irritant



Corrosive



Oxidising