

# Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** YATES LIQUID WEED N FEED HOSE ON

**Recommended Use:** Liquid fertiliser with selective herbicide for controlling most broadleaf weeds in lawns.

**Supplier:** Yates New Zealand, a division of DuluxGroup (New Zealand) Pty Ltd  
ABN 55 133 404 118  
Co. 2355191

**Street Address:** The Gate Industrial Park,  
373 Neilson St, Onehunga  
Auckland, New Zealand

**Telephone Number:** +64 9 636 2800

**Facsimile:** +64 9 636 2802

**Emergency Telephone:** 0 800 734 607 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.



### Subclasses:

Subclass 6.1 Category E - Substances which are acutely toxic.  
Subclass 6.3 Category B - Substances that are mildly irritating to the skin.  
Subclass 6.4 Category A - Substances that are irritating to the eye.  
Subclass 6.9 Category B - Substances that are harmful to human target organs or systems.  
Subclass 9.1 Category C - Substances that are harmful in the aquatic environment.  
Subclass 9.3 Category C - Substances that are harmful to terrestrial vertebrates.

### Hazard and Precautionary Information:

Warning.

May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects. Harmful to terrestrial vertebrates. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Read Safety Data Sheet before use. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Avoid release to the environment. In case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Potassium nitrate	7757-79-1	1-<10%	-
Chelated iron	15708-41-5	<1%	-
MCPA	94-74-6	15 g/L	R22, R38, R41, R50/53
Water and other non-hazardous components	-	to 100%	-
Diammonium phosphate	7783-28-0	1-<10%	-
Dicamba present as the dimethylamine salt	1918-00-9	2.3 g/L	R22 R41 R52/53
Urea	57-13-6	10-<30%	-

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

### Skin Contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

### Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

### Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

### Medical attention and special treatment:

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### Hazards from combustion products:

Non-combustible material.

### Precautions for fire fighters and special protective equipment:

Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

### Suitable Extinguishing Media:

Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### Methods and materials for containment and clean up:

Wear protective equipment to prevent skin and eye contact. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers. If contamination of sewers or waterways has occurred advise local emergency services.

## 7. HANDLING AND STORAGE



## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Keep out of reach of children. Avoid skin and eye contact and breathing in vapour, mists and aerosols.

**Conditions for safe storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).

**Engineering controls:**

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

**Personal Protective Equipment:**

Avoid contact with eyes and skin and breathing in spray mist. Wear gloves and eye protection when mixing or using. Wash hands and exposed skin thoroughly after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Brown
<b>Solubility:</b>	Soluble in water.
<b>Specific Gravity:</b>	1.128-1.148
<b>Relative Vapour Density (air=1):</b>	N Av
<b>Vapour Pressure (20 °C):</b>	N Av
<b>Flash Point (°C):</b>	N App
<b>Melting Point/Range (°C):</b>	N App
<b>Boiling Point/Range (°C):</b>	100
<b>pH:</b>	6.5-7.5
<b>Viscosity:</b>	N Av
<b>Evaporation Rate:</b>	N Av

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	Avoid contact with foodstuffs. Avoid exposure to extreme heat.
<b>Incompatible materials:</b>	Incompatible with oxidising agents.
<b>Hazardous decomposition products:</b>	Ammonia. Oxides of nitrogen. Oxides of phosphorus. Oxides of carbon.
<b>Hazardous reactions:</b>	Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** No adverse effects expected, however, large amounts may cause nausea and vomiting.

*Product Name: YATES LIQUID WEED N FEED HOSE ON*  
*Substance No: 00000020663*

*Issued: 15/04/2010*  
*Version: 2*

# Safety Data Sheet



**Eye contact:** May be an eye irritant.  
**Skin contact:** Contact with skin may result in irritation.  
**Inhalation:** Breathing in mists or aerosols may produce respiratory irritation.

**Long Term Effects:**  
Evidence indicates that repeated or prolonged exposure to this chemical could result in effects on the liver.

**Toxicological Data:** No LD50 data available for the product. However, for constituent(s) (1):  
Oral LD50 (rat): 700-1160 mg/kg (MCPA); 1707 mg/kg (Dicamba)  
Dermal LD50 (rat): >4000 mg/kg (MCPA); >2000 mg/kg (Dicamba)

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways and fishponds. Do not allow spray to drift onto aquatic environments, other crops or desirable plants or outside the target area. Keep children, pets, wildlife and birds off treated areas until the spray is dry.

**Aquatic toxicity:** Harmful to aquatic organisms.

**Terrestrial toxicity:** Harmful to terrestrial species.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:**  
Refer to local government authority for disposal recommendations. Rinse empty container, puncture and recycle or dispose of safely with domestic rubbish.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:**  
Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

**Subclasses:**

- Subclass 6.1 Category E - Substances which are acutely toxic.
- Subclass 6.3 Category B - Substances that are mildly irritating to the skin.
- Subclass 6.4 Category A - Substances that are irritating to the eye.
- Subclass 6.9 Category B - Substances that are harmful to human target organs or systems.
- Subclass 9.1 Category C - Substances that are harmful in the aquatic environment.
- Subclass 9.3 Category C - Substances that are harmful to terrestrial vertebrates.

## 16. OTHER INFORMATION

(1) In: 'The Pesticide Manual'. 13th Edition. Ed. CDS Tomlin. British Crop Protection Society, 2003.

**Reason(s) for Issue:**

5 Yearly Revised Primary SDS

This safety data sheet has been prepared by SDS Services.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since DuluxGroup Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.