

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: YATES GRO PLUS BLOOD & BONE

Recommended Use: All purpose organic fertiliser. When applying this product do not lay in heaps as dogs find the product attractive to eat. Whilst it is not poisonous it may cause some gastric irritation.

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: CHEMCALL 0800 243 622 (ALL HOURS)

2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

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



Subclasses:

Subclass 6.4 Category A - Substances that are irritating to the eye.

Fertilisers (Subsidiary Hazard) Group Standard 2006

Hazard and Precautionary Information:

Warning.

Causes serious eye irritation. Read label before use. Read Safety Data Sheet before use. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. 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. 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

| Components | CAS Number | Proportion | Risk Phrases |
|---------------------------|------------|------------|--------------|
| Blood, bone and meat meal | - | >60% | - |
| Calcium carbonate | 471-34-1 | 10-<30% | - |

4. FIRST AID MEASURES

Inhalation:

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

Skin Contact:

If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

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, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

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: Media applicable to surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

Contain - prevent run off into drains and waterways. Collect and seal in properly labelled containers.

7. HANDLING AND STORAGE

Precautions for safe handling: Keep out of reach of children. Avoid handling which leads to dust formation. Avoid skin and eye contact and breathing in dust.

Conditions for safe storage: Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use - check regularly for spills.

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). However, Workplace Exposure Standard(s) for constituent(s):

Safety Data Sheet



Calcium carbonate: WES-TWA 10 mg/m³

As published by the New Zealand Occupational Safety and Health Service (OSH).

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls:

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

Personal Protective Equipment:

No special personal protective equipment required. Rubber gloves are recommended if handling often. If risk of inhalation exists, wear dust mask meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Wash hands after use. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|---------------------|
| Physical state: | Coarse Powder |
| Colour: | Brown |
| Odour: | Organic |
| Odour Threshold: | N Av |
| Solubility: | Insoluble in water. |
| Specific Gravity: | N Av |
| Relative Vapour Density (air=1): | N App |
| Vapour Pressure (20 °C): | Nil |
| Flash Point (°C): | N App |
| Melting Point/Range (°C): | N Av |
| Boiling Point/Range (°C): | N Av |
| Decomposition Point (°C): | N Av |
| pH: | N App |
| Partition Coefficient: | N Av |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| Chemical stability: | Stable under normal conditions of use. |
| Conditions to avoid: | Avoid contact with foodstuffs. Avoid dust generation. Avoid exposure to heat. |
| Incompatible materials: | None known. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of calcium. |
| Hazardous reactions: | Hazardous polymerisation will not occur. |

Product Name: YATES GRO PLUS BLOOD & BONE
Substance No: 00000020938

Issued: 13/07/2010
Version: 2

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:** Swallowing may result in nausea, vomiting, and abdominal pain.
- Eye contact:** An eye irritant.
- Skin contact:** Repeated or prolonged skin contact may lead to irritation.
- Inhalation:** Breathing in dust may result in respiratory irritation or upper respiratory tract infection.

Long Term Effects:

No information available for the product.

Toxicological Data: No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Empty container completely, crush and dispose of safely with domestic rubbish.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as a Dangerous Good under NZS 5433:2007 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 6.4 Category A - Substances that are irritating to the eye.

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16. OTHER INFORMATION

Reason(s) for Issue:

5 Yearly Revised Primary SDS

This safety data sheet has been prepared by SH&E Shared 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.