



PRINT DATE: 1/07/07

Version 1.2  
REVISION DATE: 1/07/07

## MATERIAL SAFETY DATA SHEET

MSDS 296

PAGE 1 OF 6

### 1. Product and Company Identification

- 1.1 PRODUCT NAME:** EQUUS WBSB
- 1.2 USE OF PRODUCT** A penetrating, soluble salt suppressant for use on porous, even highly alkaline mineral substrates.
- 1.3 SUPPLIER:** Equus Industries Ltd  
Sheffield Street  
Riverlands Industrial Estate  
Blenheim, Marlborough, New Zealand  
Telephone: +64 3 578 0214  
Fax: +64 3 578 0919
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**  
**Telephone: 0800 764 766**

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon - Fri

### 2. Hazards Identification

- 2.1 Classification:**  
This product is a hazardous and a non-dangerous good.
- 2.2 Risk & Safety Phrases:**  
R22,41,52-53  
S24,35,61
- The full text of each R & S phrases are listed in Section 16.

### 3. Composition/Information on Ingredients

- 3.1 Chemical Characterization (Preparation):**  
This product is a preparation.
- 3.2 Hazardous Ingredients:**

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION
35435-29-3	Triethoxy (2,4,4-trimethylpentyl) silane	2.5%	R10/52/53
9043-30-5	Alpha-i-tridecyl-omega-hydroxy polyglycolether	<0.5%	R22/41



- 3.3** Only ingredients, additives and impurities which are classified and contribute to the classification of the product are included in this section.

#### **4. First Aid Measures**

- 4.1 After Inhalation:**  
Remove person to fresh air. If respiratory irritation develops seek medical attention.
- 4.2 After Skin Contact:**  
Wash with plenty of water and soap. Seek medical advice in case of continuous irritation.
- 4.3 After Eye Contact:**  
Rinse immediately with plenty of water for 10-15 minutes and seek medical advice.
- 4.4 After Ingestion:**  
Do not induce vomiting. Rinse mouth with water and give several small portions of water to drink. Seek medical advice and clearly identify substance.
- 4.5 Advice to Doctor:**  
Treat symptomatically.

#### **5. Fire Fighting Measures**

- 5.1 Suitable Extinguishing Media:**  
Use suitable extinguishing media for surrounding fire.
- 5.2 Protective Equipment:**  
Use self contained breathing apparatus when in close proximity to surrounding fire, and wear full body protective clothing.
- 5.3 Specific Hazards:**  
Product does not burn.
- 5.4 Combustion Products:**  
Nitrous gases.
- 5.5 Precautions in Connection with Fire:**  
Not applicable.

#### **6. Accidental Release Measures**

- 6.1 Preliminary Action and Precautions:**
- 6.1.1** Avoid breathing vapour and contact with skin, eyes and clothing.
- 6.1.2** Wear recommended personal protective equipment.
- 6.1.3** If material is released indicate risk of slipping.
- 6.1.4** Dike in the spilled product as much as possible with inert material.



- 6.1.5 Prevent entry of product in public water, sewers, soil etc.
- 6.1.6 Collect the spillage in closable, suitable disposal containers.
- 6.1.7 Clean up and spills as soon as possible, using an inert absorbent material and eliminate as hazardous waste.

## **7. Handling and Storage**

### **7.1 Handling:**

- 7.1.1 Always provide adequate ventilation.
- 7.1.2 Avoid breathing vapour or mist.
- 7.1.3 Avoid contact with eyes, skin and clothing.
- 7.1.4 Wash hands thoroughly after handling, especially before eating, drinking, smoking or using the toilet.

### **7.2 Storage:**

- 7.2.1 Store in a well ventilated place.
- 7.2.2 Protect from frost.
- 7.2.3 Keep containers tightly closed at all times.

## **8. Exposure Controls and Personal Protection Equipment**

### **8.1 Exposure Limits:**

Not applicable.

### **8.2 Exposure Controls:**

#### **8.2.1 Exposure Controls in the Work Place:**

Ensure adequate ventilation when spraying product.

#### **8.2.2 Personal Protection Equipment**

Respiratory Protection – Not required, however respirator should be used when spraying to ensure general precautions are met.

Hand Protection – Use PVC, neoprene, nitril-rubber gloves, or good quality industrial barrier cream.

Eye Protection – Use protective goggles and face shield if necessary.



## 9. Physical and Chemical Properties

<b>9.1 General Information:</b>	
<b>Physical State/Form</b>	Liquid
<b>Colour</b>	White
<b>Odour</b>	Slight
<b>pH</b>	7.0-7.25
<b>Boiling Point/Range</b>	100°C
<b>Evaporation Rate</b>	<1.00 Water
<b>Specific Gravity</b>	1.00
<b>VOC</b>	0 g/l

## 10. Stability and Reaction

- 10.1 General Information:**  
This material is stable when properly handled and stored. No hazardous reactions are known.
- 10.2 Conditions to Avoid:**  
None known.
- 10.3 Material to Avoid:**  
Reacts with acids and alkalis. Reaction causes the formation of ethanol and methanol.
- 10.4 Hazardous Decomposition Products:**  
None expected when material properly handled and stored. For thermal decomposition see Section 5.

## 11. Toxicological Information

- 11.1 General Information:**  
No specific toxicity data is available for this product.
- 11.2 Skin Contact:**  
Repeated of prolonged skin contact may cause dehydration and defatting. Symptoms include redness, dry skin.
- 11.3 Eye Contact:**  
Will cause eye discomfort, but will not injure eye tissue.
- 11.4 Ingestion:**  
Minimal toxicity. After swallowing, some drops of liquid can enter the lungs (aspiration), which may cause pneumonia.
- 11.5 Inhalation:**  
Irritating to the respiratory system. Symptoms include headache, dizziness.
- 11.6 Chronic effects:**  
Dermatitis may be caused by prolonged exposure to skin. Respiratory disorders may be aggravated by repeated or prolonged inhalation.



## 12. Ecological Information

- 12.1 Environment Protection:**  
Prevent from entering sewers, drains and waterways.
- 12.2 Ecotoxicity:**  
No data available.
- 12.3 Persistence and degradability:**  
No data available.
- 12.4 Bioaccumulative Potential:**  
No data available.

## 13. Disposal Consideration

- 13.1 Material**  
Dispose of according to regulations by incineration in a special waster incinerator or landfill at a permitted facility in accordance with local/national regulations.

## 14. Transport Information

- 14.1 Land Transport:**
- Road: Not regulated (not dangerous for transport)
- Rail: Not regulated (not dangerous for transport)
- 14.2 Sea Transport:** Not regulated (not dangerous for transport)
- 14.3 Air Transport:** Not regulated (not dangerous for transport)
- 14.4 Postal and Courier Service:** Permitted

## 15. Regulatory Information

This product is hazardous.

## 16. Other Information

- 16.1 Full Text of R-Phrases Contained in Section 2:**
- R22** Harmful if swallowed
- R41** Risk of serious damage to eyes
- R52/53** Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.



**16.2 Full Text of S-Phrases Contained in Section 2:**

- S24** Avoid contact with skin  
**S35** This material and its container must be disposed of in a safe way  
**S61** Avoid release to the environment. Refer to special instructions / safety data sheet.

**16.3** The information contained in this Data Sheet relates only to the specific material identified. Equus Industries Ltd believes the information to be accurate and reliable as at the date of this Data Sheet. No Warranty, Guarantee or representation is expressed or implied by the Company as to the absolute correctness or completeness of any representation contained in this Data and assumes no legal responsibility in connection therewith. It can not be assumed that all acceptable safety measures are contained in this Data Sheet, or that additional measures may not be required under particular or exceptional circumstances or conditions.