PRODUCT NAME: BULL KELP ++

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name: Foliar Fertilizers Pty Ltd
Address: 76-80 Grand Trunkway, Gillman, South Australia, 5013
Telephone: 08 8447 7266
Fax: 08 8240 1844
Emergency Contacts: 0438 897 977 – Product Chemist
                      0407 606 409 – National Sales Manager
Website: www.spraygro.com.au
Poison Information Centre: 13 11 26
Synonym(s): Aqueous solution of seaweed extract with slow-release nitrogen
Use(s): Fertilizer

2 HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

NOT CLASSIFIED AS A SCHEDULED POISON

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No.: None allocated
Hazchem Code: None allocated
Packaging Group: None allocated

3 COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentrate</th>
<th>CAS No</th>
</tr>
</thead>
<tbody>
<tr>
<td>seaweed kelp</td>
<td>10-30%</td>
<td></td>
</tr>
<tr>
<td>nitrogen as urea and polymethyleneurea</td>
<td>&lt;10%</td>
<td></td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eye: Hold eyelids apart and flush continuously with water. Continue for at least 15 minutes or until advised to stop by the Poisons Information Centre or a doctor.

Inhalation: Inhalation is likely to cause nausea, headache, pain and gastrointestinal irritation.

Skin: Flush immediately and thoroughly with water. If irritation persists, seek medical attention.

Ingestion: If unconscious, immediately give large quantity of water but do not induce vomiting. Consult a doctor promptly. For advice contact the Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

Medical Advice: Treat symptomatically.

5 FIRE FIGHTING MEASURES

Extinguishing: Water spray, foam or carbon dioxide.
Fire & Explosion: May evolve oxides of nitrogen and carbon when heated to decomposition.
Special Fire Fighting Procedures: Wear protective clothing, respirator and goggles while fighting fire. Isolate combustible materials. Isolate area of fire.

6 ACCIDENTAL RELEASE MEASURES

Spill Response: This product is alkaline. Wear protective gear as outlined in Section 8 while cleaning spillage. Confine spillage, do not let it run into drains. Soak up with inert material.

Waste Disposal: Comply with procedures laid down by local, state and federal governments.
7 HANDLING AND STORAGE

Handling
Do not mix this product with any other product except under specific advice from the manufacturer. Carefully read the product label before using. Always wash hands, eyes and exposed parts after handling this product.
Do not eat, drink or smoke when handling this product.

Storage
Do not store in direct sunlight – containers are likely to become brittle. Do not store close to food or food cartons. Store in a cool, dry place. Do not store near strong oxidising substances, acids and alkalis. Keep out of reach of children and pets. Seek medical advice upon exposure.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation
When pouring or spraying this product, avoid inhalation of mists and aerosols. Wear gloves and goggles when pouring this product. When exposure to spray mists containing this product can not be avoided, wear a good quality respirator suitable for this application.

PPE
When spraying this product, wear appropriate equipment protective for eyes, lungs and skin. Wash contaminated equipment including clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>brown liquid</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>completely soluble</td>
</tr>
<tr>
<td>Odour</td>
<td>minor</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.04 approx</td>
</tr>
<tr>
<td>pH</td>
<td>11 approx</td>
</tr>
<tr>
<td>% volatiles</td>
<td>62% approx</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>same as water</td>
</tr>
<tr>
<td>Flammability</td>
<td>not flammable</td>
</tr>
<tr>
<td>Vapour density</td>
<td>same as water</td>
</tr>
<tr>
<td>Flash Point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Melting point</td>
<td>no data</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>100C</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>not applicable</td>
</tr>
<tr>
<td>Bulk density</td>
<td>not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Reactivity
This product is likely to form harmful gases if mixed with strong acids or alkalis. This product will also react with a variety of acids, alkalies and salts to form non-dangerous precipitates.

Decomposition Products
Various depending on heat and/or exposure to other mixtures.

11 TOXICOLOGICAL INFORMATION

Health Hazard Summary
This product is a strong irritant with moderate toxicity.

Eye
Strong irritant. Exposure may result in pain and redness.

Inhalation
Strong irritant. Exposure may result in nausea, headache, pain and gastrointestinal irritation.

Skin
Strong irritant. Prolonged and repeated contact may result in skin rash and dermatitis.

Ingestion
Moderate toxicity. Ingestion may result in nausea, vomiting, gastrointestinal irritation and diarrhoea.

Toxicity Data
No specific data.

12 ECOLOGICAL INFORMATION

Environment
Do not let this product enter drains, water bodies and sewerage systems. This product may be toxic to aquatic life. Undergoes ionic dissociation.

13 DISPOSAL CONSIDERATIONS

Waste Disposal
Reuse or recycle cleaned containers where possible.

Special precautions for landfill or incineration
Dispose of in accordance with relevant local legislation.

14 TRANSPORT INFORMATION

Shipping Name
Non-dangerous goods

UN No.  None allocated
Hazchem Code  None allocated
DG Class  None allocated
Subsidiary Risk(s)  None allocated
Packaging Group  None allocated
15 REGULATORY INFORMATION

Poison Schedule  This product is not classified as a scheduled 6 poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS  All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16 OTHER INFORMATION

This Material Safety Data Sheet conforms with the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)].

DISCLAIMER STATEMENT: All information in this data sheet or by our representative is compiled from the best knowledge available to this Company at the time of preparation. However, since data, safety standards and government regulations are subject to change and since the conditions of handling and use or misuse are beyond our control, this Company makes no warranty, either expressed or implied, with respect to the completeness or accuracy of the information contained herein. This Company accepts no responsibility whatsoever for the accuracy of any data contained herein or for any result which may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our representatives.

End of MSDS