

# MATERIAL SAFETY DATA SHEET

## NITROSOL ORIGINAL FERTILISER (MEAT BLOOD & BONE)

|                                      |   |
|--------------------------------------|---|
| Name of preparer                     | Paul Whitley  |
| Date prepared or revised             | 08 January 2013   |
| Manufacturer                         | RURAL RESEARCH LIMITED<br>P O BOX 204-363<br>AUCKLAND 2161<br>NEW ZEALAND |
| Manufacturers location               | 63b Allens Road, East Tamaki, Auckland 2013, NZ                           |
| Telephone for additional information | 64 9 571 7171   |

|                               |  |
|-------------------------------|--|
| <b>PRODUCT IDENTIFICATION</b> |  |
| Trade name                    | NITROSOL ORIGINAL LIQUID FERTILISER              |
| Product type                  | N.P.K. 8.3.6.elemental w/w - (8.6.7. w/v oxides) |

|                              |      |
|------------------------------|------|
| <b>HAZARDOUS INGREDIENTS</b> |      |
| Chemical name                | NONE |

|                                      |   |
|--------------------------------------|---|
| <b>PHYSICAL PROPERTIES</b>           |   |
| Melting point or range deg C         | NIL                                     |
| Boiling point or range deg C         | SAME AS WATER                           |
| Evaporation rate (butyl acetate = 1) | NIL                                     |
| Vapour density                       | NIL                                     |
| Vapour pressure mm Hg at 20 deg C    | NIL                                     |
| Specific gravity                     | 1.25                                    |
| Solubility in water                  | YES                                     |
| Appearance and odour                 | BROWN LIQUID, SLIGHT BLOOD & BONE ODOUR |
| How to detect this substance         | NONE                                    |

|                                    |  |
|------------------------------------|--|
| <b>FIRE AND EXPLOSION</b>          |  |
| Flash point deg C                  | NIL  |
| Auto ignition temperature deg C    | NIL  |
| Fire extinguishing materials       | WATER (N.P.K. solutions are non-flammable) |
| Special firefighting procedure     | NONE                                       |
| Unusual fire and explosion hazards | NONE                                       |

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| <b>HEALTH HAZARD INFORMATION</b>             |  |
| <b>SYMPTOMS OF EXPOSURE</b>                  |  |
| Eye and skin contact                         | EYES WILL WATER  |
| Absorbed through skin                        | NIL  |
| Inhaled                                      | NIL  |
| Swallowed                                    | POSSIBLE NAUSEA  |
| <b>HEALTH EFFECTS OR RISKS FROM EXPOSURE</b> |  |
| Acute  | NIL  |
| Chronic                                      | NIL  |
| Reproductive                                 | NIL  |
| Medical conditions aggravated by exposure    | NONE   |
| Potential or suspected cancer agent          | NO (This products ingredients are not found in the list below) |
| Federal OSHA NTP IARC                        | NONE   |
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|   |                                 |
|---|---------------------------------|
| <b>FIRST AID - EMERGENCY PROCEDURES</b> |                                 |
| Eye contact                             | FLUSH WITH WATER FOR 5 MINUTES  |
| Skin contact                            | WASH WITH WATER                 |
| Inhaled                                 | NONE                            |
| Swallowed                               | INDUCE VOMITING WITH SALT WATER |

|                                      |               |                    |
|--------------------------------------|---------------|--------------------|
| <b>REACTIVITY DATA</b>               |               |                    |
| Stability                            | STABLE N/A    | UNSTABLE N/A       |
| Incompatibility (materials to avoid) | NIL           |                    |
| Hazardous polymerisation             | MAY OCCUR N/A | WILL NOT OCCUR N/A |
| Conditions to avoid                  | NONE          |                    |
| Hazardous decomposition products     | NONE          |                    |

|   |   |
|---|---|
| <b>SPILL, LEAK AND DISPOSAL PROCEDURE</b> |   |
| Spill response procedures                 | WARNING FLOORS WILL BE VERY SLIPPERY<br>Contain spill and cover liquid with sawdust, when the sawdust has absorbed the liquid, remove the sawdust and place in a non-toxic waste disposal, flush area with water then clean well and dry<br>THIS MATERIAL IS NOT TOXIC<br>Note - dispose of all wastes in accordance with regulations |

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| <b>SPECIAL HANDLING INFORMATION</b>                              |  |
| Ventilation and engineering controls                             | NONE   |
| Eye protection   | NONE   |
| Respiratory Protection   | NONE   |
| Gloves   | NONE   |
| Other clothing and equipment                                     | NONE   |
| Work practices and hygienic practices                            | WASH HANDS BEFORE HANDLING FOOD  |
| Other handling and storage requirements                          | STORE IN ORIGINAL CONTAINER. KEEP CONTAINER SECURELY SEALED AS SUPPLIED. STORE IN A COOL DRY AREA INDOORS AWAY FROM SUNLIGHT |
| Protective measures during maintenance of contaminated equipment | NONE   |

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