

**NATURAL ALCOHOL SANITISER SPRAY**

=====  
**Section 1 -- PRODUCT AND COMPANY IDENTIFICATION**  
 -----

**PRODUCT NAME**

Natural Alcohol Sanitiser Spray

**PRODUCT CODES**

NADS/1, NADS/5

**USEAGE**

Alcohol based Sanitiser

**MANUFACTURER'S NAME**

GreenEarth Solutions Ltd  
 PO Box 64-125  
 Botany, Auckland NZ 2142  
 Phone: 619 2724141  
 Fax: 619 2724145

**DATE OF PREPARATION**

24th June, 2009

=====  
**Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS**  
 -----

% by WT	CAS No.	INGREDIENT
65-70%	64-17-5	Ethyl Alcohol (grain/sugar derived alcohol)
Bal	7732-18-5	Filtered water

=====  
**Section 3 -- HAZARDS IDENTIFICATION**  
 -----

Classified as hazardous according to the Hazardous Substances New Zealand  
 Classified as Dangerous Goods for transport according to NZA 5433:1999  
 3.1B - Substance that is flammable liquid  
 6.1E - Substance that is acutely toxic  
 6.4A - Substance that is irritating to the eye  
 6.8B - Substance that is a suspected human reproductive or developmental toxicant  
 6.9A - Substance that is toxic to human target organs or systems  
 9.1D - Substance that is slightly harmful to the aquatic environment

=====  
**Section 4 -- FIRST AID MEASURES**  
 -----

**If INHALED:**

If inhaled, remove from contaminated area. Seek medical attention

**If on SKIN:**

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If symptoms develop seek medical attention

**If in EYES:**

Flush eyes with water for 10 minutes. Seek immediate medical attention.

**If SWALLOWED:**

Do not induce vomiting. Rinse the mouth thoroughly. Drink 1-2 glasses of water. Seek medical attention.

=====  
**Section 5 -- FIRE FIGHTING MEASURES**  
 -----

**Suitable extinguishing media:**  
 Use carbon dioxide, dry chemical and foam

**Hazards**  
 This product may emit toxic and irritating fumes.

**Special hazards by the product itself:**  
 Inflammable

**Additional information:**  
 Hazchem code 2[Y]E

=====  
**Section 6 -- ACCIDENTAL RELEASE MEASURES**  
 -----

**Personal precautions:**  
 Avoid contact with skin and eyes  
**Environmental precautions:**  
 Do not empty into drains / surface water / ground water  
**Process for cleaning and take-up:**  
 Remove with liquid absorbing material (sand, peat, sawdust)

=====  
**Section 7 -- HANDLING AND STORAGE**  
 -----

**Handling:**  
 Avoid open flames  
**Storage:**  
 Keep container tightly sealed

=====  
**Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION**  
 -----

**RESPIRATORY PROTECTION:** None required.  
**VENTILATION:** Use local or mechanical exhaust if available.  
**PROTECTIVE GLOVES:** Wear rubber gloves.  
**EYE PROTECTION:** Safety glasses (ANSI Z-87.1 or equivalent)  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Plastic apron and sleeves.  
**WORK/HYGIENIC PRACTICES:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

=====  
**Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES**  
 -----

BOILING POINT:	N/A
SPECIFIC GRAVITY (H2O = 1):	0.79-0.80
VAPOR PRESSURE (mm Hg):	44 mmHg at 20°C
MELTING POINT:	N/A
VAPOR DENSITY (AIR = 1):	1.59 at 15°C
FLASH POINT:	13°C
APPEARANCE/ODOR:	Clear Liquid / no Odour
SOLUBILITY IN WATER:	100%

=====  
**Section 10 -- STABILITY AND REACTIVITY**  
-----

STABILITY: Stable  
CONDITIONS TO AVOID: Heat, direct flame or other sources of ignition  
MATERIALS TO AVOID: Strong oxidising agents  
HAZARDOUS DECOMPOSITION PRODUCTS: None known  
HAZARDOUS POLYMERIZATION: Will not occur  
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may result in the release of toxic and/or irritating fumes.

=====  
**Section 11 -- TOXICOLOGY INFORMATION**  
-----

CHRONIC HEALTH HAZARDS  
**Inhalation:** May cause irritation to the respiratory tract and mucous membranes. Inhalation of the vapour may result in headache, nausea and vomiting.  
**Ingestion:** Swallowing can cause drunkenness or harmful central nervous system effects.  
**Skin:** May cause redness, itching and irritation.  
**Eye:** May be irritating to the eyes. On eye contact this product may cause tearing, stinging, blurred vision and redness.  
**Chronic Effects:** Prolonged or repeated skin contact may cause defatting leading to dermatitis. Long term exposure by swallowing or repeated inhalation may cause degenerative changes in the liver, kidney, gastrointestinal tract and heart muscle.

=====  
**Section 12 -- Ecological Information**  
-----

ECOLOGICAL DATA  
-----  
Readily biodegradable based on biodegradable profile.  
Food Chain Concentration Potential           None  
WATERFOWL TOXICITY                           None  
BOD   None  
AQUATIC TOXICITY                               None

=====  
**Section 13 -- DISPOSAL CONSIDERATIONS**  
-----

Waste Classification: Non-regulated liquid waste.  
Disposal Method: Dispose of in accordance with local and state regulations.  
  
Containers are recycle class 2 and can be placed in recycle bin when empty and after rinsing with clean water.

=====  
**Section 14 -- TRANSPORTATION INFORMATION**  
-----

IATA Proper shipping name: ETHYL ALCOHOL SOLUTIONS  
Hazard Class: Flammable  
UN Number: 1170

=====  
**Section 15 -- REGULATORY INFORMATION**  
-----

REGULATORY DATA  
  
ERMA: Classified as hazardous

=====  
**Section 16 -- OTHER INFORMATION**  
-----

The product Natural Alcohol Disinfectant Spray is sold diluted with 30% water. Please note that all of the above applies to 100% alcohol so some common sense needs to be applied to some of the above information.

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.