

Excel® Spring Oil

Section 1: Identification of the Substance or Mixture and of the Supplier

Product name:	Excel® Spring Oil
Recommended use:	Spray adjuvant.
Company details:	GroChem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
Telephone:	+64 4 237 0905
Email:	grochem@grochem.com
Emergency telephone:	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225) Australia 1800 127 406 Other locations +64 4 917 9888 or The National Poisons Centre 0800 POISON (0800 764 766)
Date of preparation:	16 May 2012

Section 2: Hazards Identification

Hazard classification (Transport):	Not a Dangerous Good under the Land Transport Rule: Dangerous Goods 2005.
Hazardous substances (HSNO):	6.3B (WARNING: Causes mild skin irritation) 6.4A (WARNING: Causes eye irritation) 9.1D (Harmful to aquatic life)

Section 3: Composition/Information on Ingredients

Classification & type:	CAS No.	Proportion (%w)
Material		
Light Paraffinic Distillates	64742-55-8	>97
Other components	mixture	<3

Section 4: First Aid Measures

Symptoms of exposure:	No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms that may arise if the product is mishandled are:
If Swallowed	This product has laxative properties and may result in abdominal cramps and diarrhoea.
If in Eyes	No irritation is expected.
If on Skin	This product may cause slight skin irritation upon short-term direct contact. Based on testing of similar products and/or components. Prolonged or repeated contact may result in contact dermatitis, which is characterised by dryness, chapping, and reddening. Prolonged or repeated contact may also result in oil acne, which is characterised by blackheads with possible secondary infection.
If Inhaled	Respiratory tract irritation is possible. Avoid breathing mists.
First aid actions:	
If Swallowed	Do not induce vomiting. Obtain emergency medical attention.
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.
If on Skin	In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before re-use. Prolonged or repeated skin contact may cause skin irritation. If skin irritation occurs, get medical advice/attention.
If Inhaled	Move to clean air and make comfortable in a position making breathing easy.
Workplace facilities:	Regular personal hygiene facilities should be available. No special facilities are required.
Notes for medical personnel:	Treat symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard:	Heat from fire can generate flammable vapour. When mixed with air and exposed to ignition source, vapours can burn in open or explode if confined. Vapours may travel long distances along ground before igniting and flashing back to vapour source.
HAZCHEM code:	N/A
Combustion products:	Combustion products include oxides of carbon.
Extinguishing media & methods:	Use equipment/media appropriate to surrounding conditions. Use water fog, alcohol foam, carbon dioxide, dry chemical type extinguishers.
Recommended protective clothing:	Fire-fighters should wear positive pressure, self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal protection:	See Section 8.3 for appropriate PPE.
Containment and clean up:	Ventilate area of leak or spill. Wear appropriate personal protective gear. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect in an appropriate container or absorb with an inert material (eg. vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials such as sawdust.
Special requirements:	See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1:	Handling
Handling practices	Wear appropriate PPE as detailed in Section 8.3.
Subsection 2:	Storage
Site requirements	Store in a cool, dry area away from direct heat and sources of ignition. Bunding is required for quantities greater than 10,000L.
Packaging	Store in original packaging. Protect from puncture.

Section 8: Exposure Controls/Personal Protection

Subsection 1:	Workplace Exposure Guidelines (may also be considered in section 2)
Workplace exposure standards	Permissible exposure limit (PEL) and threshold limit value (TLV) for this product as oil mist is 5 Mg/m ³ . Exposures below 5 Mg/m ³ appear to be without significant health risk. The short-term exposure limit (STEL) for this product as an oil mist is 10 Mg/m ³ .
Subsection 2:	Engineering Controls
Exposure control measures	Use only in a well ventilated area and avoid breathing spray and mist.
Subsection 3:	Personal Protective Equipment (PPE)
Detail specifications for equipment	Avoid skin and eye contact and inhalation of mist. Wear overalls, chemical goggles and impervious gloves. Avoid generating mist of product and avoid inhaling spray mist. Always wash hands before smoking, eating, drinking or using the toilet.

Section 9: Physical and Chemical Properties

Appearance	Clear to pale yellow oily liquid	pH	Neutral
Odour	Petroleum odour	Boiling point (degC)	Not available
Specific gravity (kg/L)	0.836	Freezing point (degC)	Not available
Solubility	Dispersible in water	Flashpoint (degC)	>150

Section 10: Stability and Reactivity

Stability of substance:	Stable under normal circumstances.
Conditions to avoid:	Extreme heat.
Material to avoid:	Do not mix with material of Class 5 (oxidisers).
Hazardous decomposition products:	Oxides of carbon are formed when burning.
Hazardous polymerisation:	Will not occur.

Section 11: Toxicological Information

Data and interpretation: LD50 > 5000mg/kg.
See Section 2 for general hazard information.

Section 12: Ecological Information

Potential environmental interactions: If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming. This product is rapidly biodegradable. Biodegradation is possible within 90 - 120 days in aerobic environments at temperatures above 21°C.

Environmental risk phrases Do not release into the environment except when using as intended.

Section 13: Disposal Considerations

Product disposal: Reprocess or burn in an approved incinerator in accordance with all local regulations at an approved waste disposal facility. Do not contaminate water supplies/pollute public waters. Do not flush to sewer.

Container disposal: Triple rinse empty container into the spray tank. Deliver to an appropriate recycling depot (e.g. Agrecovery), or crush and bury at an approved landfill.

Section 14: Transport Information

Special precautions Do not carry more than 10L on a passenger service vehicle. Segregate from Class 5 (oxidisers) and/or foodstuffs. Do not transport with Class 1 (explosive) goods.

Section 15: Regulatory Information

Regulatory status: Registered pursuant to the ACVM Act 1997, No. P7294.
See www.foodsafety.govt.nz for registration conditions.
Approved Pursuant to the HSNO Act 1996, Number HSR000588.
See www.epa.govt.nz for approval conditions.

HSNO controls: Trigger quantities for this substance:

SDS must be available for	50L
Signage	10,000L
Emergency Plan	10,000L
Bunding	10,000L

Section 16: Other Information

Revision due: 16 May 2017.

Additional information: Directions for use are found on the product label.

Glossary:

ACVM	Agricultural Compounds and Veterinary Medicines (in relation to Group or Act 1997)
CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
HSNO	Hazardous Substances and New Organisms (legislation 1996)
LD50	Lethal Dose to kill 50% of test animals/organisms
PPE	Personal Protective Equipment

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of GroChem, it is the user's responsibility to determine conditions of safe use of the product.