

Infosafe No™ 3NUDJ	Issue Date : July 2015	ISSUED by NUFARMNZ
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Product Name **CONTACT™ XCEL**

## 1. Identification

<b>GHS Product Identifier</b>	CONTACT™ XCEL
<b>Product Code</b>	04263
<b>Product Type</b>	Adjuvant
<b>Company Name</b>	Nufarm NZ
<b>Address</b>	6 Manu Street, Otahuhu Auckland 2024 New Zealand
<b>Telephone/Fax Number</b>	Tel: 0-9-270 4150 Fax: 0-9-270 4159
<b>Emergency phone number</b>	0800 651 911
<b>Recommended use of the chemical and restrictions on use</b>	A non-ionic surfactant which will improve the wetting, spreading and sticking of agricultural and horticultural sprays.
<b>Other Information</b>	This SDS describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

## 2. Hazard Identification

<b>Other Information</b>	6.1D acute toxicant, 9.3C terrestrial vertebrate toxicant HARMFUL May be harmful if swallowed, inhaled or absorbed through the skin. ECOTOXIC Harmful to terrestrial vertebrates.
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## 3. Composition/information on ingredients

<b>Chemical Characterization</b>	Liquid		
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Linear alcohol ethoxylate	34398-01-1	980 g/L
	polyethylene glycol	25322-68-3	20 g/L

## 4. First-aid measures

<b>First Aid Measures</b>	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Begin artificial respiration if the victim is not breathing. Use mouth-to-nose rather than mouth-to-mouth. Obtain medical attention.
<b>Inhalation</b>	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
<b>Skin</b>	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.
<b>Eye contact</b>	Flush eye with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance. Remove contact lenses, if present and easy to do.
<b>First Aid Facilities</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog, foam, carbon dioxide or dry chemical.
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<b>Hazards from Combustion Products</b>	May emit toxic smoke and fumes if involved in fires or exposed to extreme heat.
<b>Special Protective Equipment for fire fighters</b>	Full protective clothing and self-contained breathing apparatus.
<b>Specific Methods</b>	Keep up wind. Do not allow washings to reach sewage or effluent systems. Keep containers cool with water spray.
<b>Specific hazards arising from the chemical</b>	The presence of alcohol in the product will allow it to flash, but it will not continue to burn unless the liquid is hot.
<b>Other Information</b>	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Environmental Precautions</b>	Prevent from entering drains, waterways or sewers.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Avoid skin and eye contact and inhalation of spray mist. APPROVED HANDLER: Not applicable. TRACKING: Not applicable. RECORD KEEPING: Not applicable.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of reach of children. Store in original container tightly closed and in a locked dry, cool area away from foodstuffs. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing 1,000L of CONTACT XCEL require secondary containment, more than 1,000L require emergency response plans and 10,000L require signage.
<b>Other Information</b>	Always read the label and any attached leaflet before use. Aggregate Storage Volume Thresholds: When stored with substances of the same hazard classification the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals and the HSNO Regulations.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure limits (WES, TEL or EEL's) have been specifically assigned for this product.
<b>Appropriate engineering controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protective Equipment</b>	When opening the container, preparing spray and using the prepared spray wear safety goggles or face shield, impervious gloves, cotton overalls buttoned to the neck and wrist, and boots.
<b>Hygiene Measures</b>	Do not eat drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Wash splashes of concentrate from skin immediately.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Clear colourless liquid
<b>Odour</b>	Mild detergent-like odour
<b>Freezing Point</b>	Not established
<b>Boiling Point</b>	>176.6°C
<b>Solubility in Water</b>	Soluble

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<b>Specific Gravity</b>	0.967
<b>pH</b>	7.0 (1% solution)
<b>Vapour Pressure</b>	Not established
<b>Flammability</b>	Non combustible
<b>Explosion Properties</b>	Not explosive
<b>Oxidising Properties</b>	Not an oxidiser

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Hazardous Decomposition Products</b>	Carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Hazardous polymerisation will not occur.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat) >0.7 - 1.7g/kg
<b>Acute Toxicity - Dermal</b>	LD50 (rabbit) >2g/kg
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Ingestion</b>	Low toxicity. However swallowing large amounts of concentrate may cause nausea and vomiting.
<b>Inhalation</b>	Some temporary irritation may be experienced.
<b>Skin Sensitisation</b>	Not a skin sensitizer.
<b>Chronic Effects</b>	No data available on this product. No chronic effects expected.
<b>Serious eye damage/irritation</b>	Irritant
<b>Skin corrosion/irritation</b>	Irritant

## 12. Ecological information

<b>Persistence and degradability</b>	98% biodegradable
<b>Other Precautions</b>	Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

## 13. Disposal considerations

<b>Product Disposal</b>	Dispose of product only by using according to the label, or at an approved landfill.
<b>Container Disposal</b>	Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

## 14. Transport information

<b>Transport Information</b>	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
<b>Other Information</b>	Do not carry more than 10L of CONTACT XCEL on a passenger service vehicle.

## 15. Regulatory information

<b>National and or International Regulatory Information</b>	Approved pursuant to the HSNO Act 1996, Approval Code HSR002503 See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for approval controls. This product does not require registration under the ACVM Act.
<b>Packaging &amp; Labelling</b>	HARMFUL - keep out of reach of children



# Safety Data Sheet

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**Hazard Rating Systems** NFPA/HMIS: 1-1-1

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## 16. Other Information

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**Contact Person/Point** IN AN EMERGENCY, DIAL 111 - FIRE OR POLICE  
24Hr Tollfree Emergency No: 0800 651 911  
24Hr Emergency No: National Poisons Centre Phone: 0800 764 766  
**Revisions** 5 yearly review carried out. Various changes and updates made to document.

**Highlighted**  
**Other Information** Supersedes SDS issued July 2010  
...End Of MSDS...

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