

Safety Data Sheet

Accelerate Penetrant

Revised: 09/02/2016

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name:	ACCELERATE PENETRANT
Recommended Use:	An organosilicone penetrant for use with Glyphosate, Eradicate 600, Eliminate and other brushweed herbicides
Company Identification:	Ravensdown Limited
Address:	292 Main South Road Hornby Christchurch
Customer Centre:	0800 100 123
National Poisons Information Centre:	0800 POISON (0800 764 766)
Emergency Telephone Number:	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
Transport Emergency Phone:	111 Tell operator what service is needed: Fire, Ambulance, Police

Section 2: HAZARD IDENTIFICATION

Hazard Classifications:	6.1D, 6.4A, 9.1B
Priority Identifiers:	HARMFUL ECOTOXIC
Secondary Identifiers:	6.1D = May be harmful if swallowed, inhaled or absorbed through the skin 6.4A = Irritating to the eye 9.1B = Toxic to aquatic organisms

Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Polyether Modified Polysiloxane	134180-76-0	75%

Section 4: FIRST AID MEASURES

First Aid Measures:	Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.
Inhalation:	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.
Ingestion:	Never give anything by mouth to an unconscious person. If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.
Skin:	Remove contaminated clothing and wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance.
Eye:	Flush with plenty of water holding eyelids open if necessary.
Advice to Doctor:	No specific antidote. Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flammability:	If involved in a fire this product will not burn.
Hazardous Combustion Products:	If involved in a fire, may evolve carbon monoxide, carbon dioxide, silicon dioxide
Extinguishing Media:	Water fog, foam, carbon dioxide or dry chemical
Protective Equipment:	Full protective clothing and self-contained breathing apparatus
HAZCHEM Code:	3Z
Location Certificate:	Not applicable
Hazardous Atmosphere Zone:	Not applicable
Fire Extinguishers:	Not applicable

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal:	Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill.
Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental Precaution:	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

Section 7: HANDLING AND STORAGE

Handling:	Keep out of reach of children. Avoid contact with skin, eyes and inhalation of spray mist. Approved Handler: This product must be under the control of an approved handler when applied directly onto or into water. Tracking: Not required Record Keeping: Records of use must be kept if this product is applied onto or into water.
Storage:	Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed. Store in accordance with NZS 8409 Management of Agrichemicals This product is subject to emergency response plan, secondary containment and signage when stored in quantities of 1000 litres or more, either alone or in aggregate with substances of the same hazard classification. For full details refer to NZS 8409 Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations).
Other Information:	Always read the label before use. See label for further information on handling and storage.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	No exposure limits have been assigned for this product by OSHA
Protective Equipment:	When opening the container, preparing spray and when contact with concentrate or solution is likely, wear safety goggles, waterproof gloves, cotton overalls buttoned to the neck and wrist, and boots.
Engineering Controls:	Handle in well ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. Avoid inhalation of spray mist.
Hygiene Precautions:	Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear light yellow liquid
Odour:	Characteristic
Specific Gravity:	1.02
Solubility in Water:	Soluble in water
pH:	8
Flash Point	102°C

Section 10: STABILITY AND REACTIVITY

Stability:	When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.
Hazardous Polymerisation:	Hazardous polymerisation will not occur
Materials to Avoid:	None known

Section 11: TOXICOLOGICAL INFORMATION

HSNO Class:	6.1D, 6.4A
Inhalation:	Acute Inhalation LC ₅₀ (rat) (4hr) >1.08mg/l No adverse effects are to be expected under normal use. When applying this product avoid inhalation of spray mist. Some temporary irritation to the respiratory tract may be experienced if high concentrations are inhaled.
Ingestion:	Acute Toxicity (Oral) LD ₅₀ (rat) 3200mg/kg Amounts swallowed incidental to normal handling are unlikely to cause injury. Large amounts swallowed may cause injury. Symptoms include: nausea, vomiting, gastrointestinal discomfort and diarrhoea.
Skin:	Acute Toxicity (Dermal) LD ₅₀ (rabbit) 1550mg/kg The concentrate may cause skin irritation. Prolonged contact may cause defatting of the skin and may result in dermatitis.
Eye:	Will irritate the eye. Injury to the cornea is not expected
Chronic Effects:	No information available.
Reproductive Toxicity:	Not considered to be a reproductive toxin
Mutagenicity:	No mutagenic or teratogenic effects expected
Carcinogenicity:	Based on the results of animal studies the product is not considered to be carcinogenic.

Section 12: ECOLOGICAL INFORMATION

HSNO Class:	9.1B
Ecotoxicity:	Acute Toxicity (fish) LC ₅₀ (rainbow trout) (96hr) 2.1mg/l Acute Toxicity (daphnia magna) EC ₅₀ (48hr) 1.1mg/l Toxic to fish and other aquatic organisms
Persistence/Mobility:	No information available
Bioaccumulation:	No information available

Section 13: DISPOSAL INFORMATION

Product Disposal:	Dispose of product only by using according to label or at an approved landfill
Container Disposal:	Triple rinse container and add rinsate to spray tank. Burn in an appropriate incinerator if circumstance, such as wind direction permit. Otherwise crush and bury in an approved landfill. Do not use container for any other purpose.

Section 14: TRANSPORT INFORMATION

RAIL/ROAD:	UN Number:	3082
	Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polyethersiloxane)
	DG Class:	9
	Packing Group:	III
SEA (IMDG Code):	Marine Pollutant:	Yes
	UN Number:	3082
	Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polyethersiloxane)
	DG Class:	9
AIR: (ICAO/IATA)	Packing Group:	III
	Marine Pollutant:	Yes
	UN Number:	3082
	Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polyethersiloxane)
	DG Class:	9
	Packing Group:	III
	Marine Pollutant:	Yes

Section 15: REGULATORY INFORMATION

ERMA:	Approved pursuant to the HSNO Act 1996, Code: HSR002503 See www.epa.govt.nz for approval controls.
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Section 16: OTHER INFORMATION

This SDS supersedes all other MSDSs

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.