



NUFARM LIMITED A.C.N. 004 377 780
 103 - 105 Pipe Road, LAVERTON NORTH VIC 3026 AUSTRALIA
 Postal Address: PO Box 103, LAVERTON VIC 3028 AUSTRALIA
 Telephone: (03) 9282 1000 Fax: (03) 9282 1001

PRODUCT: BROMICIDE 200 Selective Herbicide	Infosafe No: NU019 ISSUED: Aug 96
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Hazardous according to criteria of Worksafe Australia

UN NO.....: D.G.CLASS: CAS NO....:
 HAZCHEM...: SUB. RISK:
 SUSDP.....: S6 (FED) S6 (NSW) S6 (VIC) S6 (SA) S6 (WA) S6 (Qld) S6 (Tas) S6 (NT)
 G.T.EPG...: SPEC.EPG.: PACK. GRP:
 IMDG.....: 9028

PRODUCT IDENTIFICATION

OTHER NAMES:

TRADENAMES.: MANUF.: MANCODE:
 Bromicide 200 NUFARM 0235

INGREDIENTS:

CHEMICAL ENTITY:	CAS NO:	PROPORTION:
Bromoxynil Octanoate Tech. @ 65%	1689-99-2	30% w/w
Dobenz HF		5-10%W/W
Teric 200	63496-57-1	<5 %W/W
Teric N30	9016-45-9	<5 %W/W
Solvesso 150	64742-94-5	50-70% W/W

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE:

BOILING POINT.....: 178 - 209°C (for solvesso)
 MELTING POINT.....: < 0C
 VAPOUR PRESSURE....: 4.8 x 10⁻⁶mm Hg @ 20°C (for bromoxynil octanoate)
 VOLATILE COMPONENT.: ~ 60%
 SPECIFIC GRAVITY...: 1. 030
 FLASH POINT.....: 68°C
 FLAMMABILITY LIMITS: 0.6 - 7.0 LEL - UEL
 AUTOIGNITION TEMP.: Not known
 REL. VAPOUR DENSITY: > air
 DECOMPOSITION TEMP.: Not known
 FORM.....: Liquid

OTHER PROPERTIES:

Forms an emulsion with water.

USE:

For the control of broadleaf weeds in wheat, oats, barley, triticale, linseed, lucerne, clovers medicas (alone or undersown), pastures and turf. Also compatible with some wild oat post emergent herbicides.



MATERIAL SAFETY DATA SHEET

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HEALTH HAZARD INFORMATION

ACUTE EFFECTS

SWALLOWED:

The active ingredient presents a hazard whilst excessive prolonged exposure may cause chronic effects. The concentrate is considered harmful if swallowed, by Worksafe Criteria.

EYE:

Prolonged contact with the concentrate may cause irritation.

SKIN:

When using the concentrate, skin absorption is likely to be the major route of exposure to bromoxynil. Prolonged or repeated exposure to the solvent may cause defatting of skin which could lead to secondary dermatitis. The concentrate is considered harmful in contact with skin, by Worksafe Criteria.

INHALED:

A moderate hazard when handling the concentrate, but care should be taken to avoid inhalation of spray mists.

CHRONIC EFFECTS

Chronic Over Exposure: Weight loss and damage to liver and kidneys may be expected if exposure is excessive over a period of time.

OTHER HEALTH HAZARD INFORMATION

Acute Over Exposure: Headache, nausea and vomiting from solvent, however other than fever the effects of active ingredient are poorly documented.

FIRST AID

SWALLOWED:

If swallowed and if more than 15 minutes from a doctor or hospital, induce vomiting, preferably using Ipecac Syrup (APF) if available.

EYE:

Irrigate for 15 minutes with copious quantities of water with eyelids held open.

SKIN:

Remove contaminated clothing and launder before re-use.
Wash affected areas thoroughly with soap and water.

INHALED:

Remove to fresh air until recovered.

FIRST AID FACILITIES:

If poisoning occurs, contact a Doctor or Poisons Information Centre.

ADVICE TO DOCTOR:

Treat symptomatically.

If vomiting occurs solvent present may cause pulmonary pneumonitis.



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SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

STORAGE

Store in original container tightly closed, out of direct sunlight.

ROAD TRANSPORT

Considered non hazardous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SEA TRANSPORT

Environmentally hazardous substances, liquid, nos

UN No. 3082 Class: 9

Packaging Group: III

Packaging and Labelling:

POISON

NOT TO BE TAKEN

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING

The product has been assessed according to the Worksafe Criteria for Classification of hazardous Substances and is classified as hazardous.

Risk Phrases:

R21/22 Harmful in contact with skin and if swallowed

Safety Phrases:

S2 Keep away from children

S13 Keep away from food, drink and animal feeding stuffs

SPILLS AND DISPOSAL:

Bromoxynil octanoate is biodegradable in soil.

Contain spill and absorb with sand or other inert absorbent.

Prevent from entering drains, waterways and sewers.

Collect in sealable open top containers for disposal.

FIRE/EXPLOSION HAZARD:

Will emit toxic fumes of hydrogen bromide, hydrogen cyanide or other compounds of bromine and nitrogen if involved in fires or exposed to extreme heat. Breathable air apparatus should be worn if material is involved in fires in confined spaces. Keep upwind. Extinguishing media: Water fog, 'alcohol' foam, carbon dioxide and dry chemical.

Reactivity Data:

May react violently with strong oxidising agents.

Avoid contact with chlorine and inorganic peroxides.



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OTHER INFORMATION

User Data:

Contact Point:

Normal Hours: Mr. Volker Maier Phone: (03) 9282-1000

After Hours: Shift Supervisor Phone: 1 800 033 498

End: Infosafe printed Material Safety Data Sheet - 1 October 1999