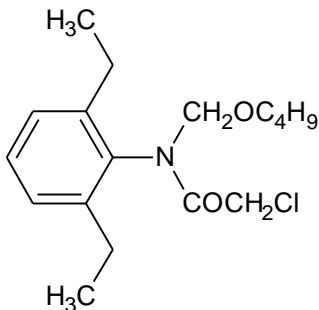


Synonyms

Butachlor 50% EW;
N-(Butoxymethyl)-2-chloro-*N*-(2,6-diethylphenyl)acetamide;
N-(Butoxymethyl)-2-chloro-2',6'-diethylacetanilide;
 2-Chloro-2,6-diethyl-*N*-(butoxymethyl)acetanilide

Chemical structure and identity



Molecular formula	C ₁₇ H ₂₆ ClNO ₂
Molecular weight	311.9
CAS number	23184-66-9
PRD number	AG452580
EINECS number	245-477-8

Specifications

Appearance	Milky-white liquid
Butachlor content	50% minimum
Acidity as H ₂ SO ₄	0.1% maximum
Emulsion test	Comply
Cold test	Comply

Physical properties

Solubility in water	Forms emulsion
Density	1.07 to 1.09 g/ml

Description

IRIO is a milky-white liquid free from extraneous matter.

Applications

IRIO is a selective, pre-emergence herbicide used to control most grasses and some broad-leaved weeds in transplanted paddy.

Packaging

IRIO is available in 100 ml to 5 L HDPE bottles. Other packaging may be considered on request.

Storage and handling

Keep containers tightly closed and store at ambient temperature. Store containers away from heat, direct sunlight and oxidising | reducing agents. Avoid contact with eyes, skin or clothing. Keep out of reach of children. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

Wear protective gloves, a dust mask and goggles. Keep material away from foodstuffs, beverages and feed. Wash hands thoroughly after handling this product. Do not inhale its vapour or mist. Always refer to the SDS for detailed information on safety.

First aid

Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

Skin contact: Wash the affected area thoroughly with soap and water. Immediately remove clothing contaminated by the product. Consult a physician.

Ingestion: Avoid ingestion. If swallowed, a gastric lavage with warm water may be given followed by administration of mixture containing activated charcoal 2 parts, magnesium oxide 1 part and tannic acid 1 part in 300 ml of warm water. Consult a physician immediately.

Inhalation: Avoid inhalation. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

Spills and disposal

In case of spillage and | or leakage, absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines as applicable.

Contact

E-mail: crop_care@atul.co.in
Website: www.atul.co.in

Note

IRIO® is a registered trade mark for Butachlor 50% EW which belongs to Atul Ltd.