

ZURA[®] 22.5%

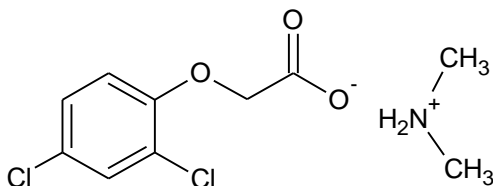
Technical Data Sheet | Crop Protection Business



Synonyms

2,4-D-dimethylammonium salt 22.5% SL;
Dimethylammonium 2-(2,4-dichlorophenoxy)acetate;
2-(2,4-Dichlorophenoxy)acetic acid dimethylammonium salt

Chemical structure and identity



Molecular formula	C ₁₀ H ₁₃ Cl ₂ NO ₃
Molecular weight	266.12
CAS number	2008-39-1
PRD number	AG402870
EINECS number	217-915-8

Specifications

Appearance	Yellow to light-brown coloured clear liquid
Total extractable 2,4-D acid content	0.03% maximum
Alkalinity as NaOH	22.5% minimum
Free phenol as 2,4-dichlorophenol	0.3% maximum
Melting point of extracted acid	136°C to 140°C

Physical properties

Odour	Aliphatic amine like
Density	1.05 to 1.10 g/ml
Solubility in water	Miscible

Description

ZURA 22.5% is a yellow to light-brown coloured clear liquid free from extraneous matter.

Applications

ZURA 22.5% is a selective and systemic post-emergence herbicide used to control annual and perennial broad-leaved weeds in a range of crops.

Packaging

ZURA 22.5% is available in 200 ml to 20 L HDPE containers. Other packaging may be considered on request.

Storage and handling

Keep containers tightly closed and store in a cool, dry and well-ventilated area. Protect the containers against physical damage. 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. Remove clothing contaminated by the product. Consult a physician immediately.

Ingestion: Avoid ingestion as the product is harmful. Induce vomiting by giving a tablespoon of salt dissolved in a glass of warm water and repeat until vomit fluid is clear. Consult a physician immediately.

Inhalation: Avoid inhalation as the product is harmful. 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

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Note

ZURA[®] 22.5% is a registered trade mark for 2,4-D-dimethylammonium salt 22.5% SL which belongs to Atul Ltd.