ZURA® 22.5%

atul

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

 $\begin{array}{lll} \text{Molecular formula} & & C_{10}\text{H}_{13}\text{Cl}_2\text{NO}_3 \\ \text{Molecular weight} & 266.12 \\ \text{CAS number} & 2008-39-1 \\ \text{PRD number} & \text{AG402870} \\ \text{EINECS number} & 217-915-8 \\ \end{array}$

Specifications Appearance

Total extractable 2,4-D acid content

Alkalinity as NaOH

Free phenol as 2,4-dichlorophenol 0.3% maximum Melting point of extracted acid 136°C to140°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

Yellow to light-brown coloured clear liquid

0.03% maximum 22.5% minimum

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.

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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

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

Note

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

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