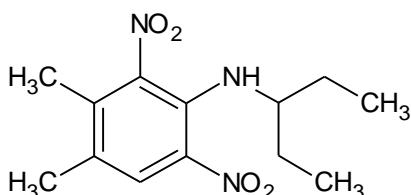


## Synonyms

Pendimethalin 30% EC;  
*N*-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine;  
*N*-(1-Ethylpropyl)-2,6-dinitro-3,4-xylidine;  
*N*-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitroaniline;  
 3,4-Dimethyl-2,6-dinitro-*N*-pentan-3-yl-aniline

## Chemical structure and identity



Molecular formula	C <sub>13</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>
Molecular weight	281.3
CAS number	40487-42-1
PRD number	AG451550
EINECS number	254-938-2

## Specifications

Appearance	Dark-brown coloured clear liquid
Pendimethalin content	30% minimum
Acidity as H <sub>2</sub> SO <sub>4</sub>	0.5% maximum
Emulsion Test	Comply
Cold Test	Comply

## Physical properties

Solubility in water	Forms emulsion
pH (10 g/L solution)	6 to 7
Flash point	More than 24.5°C

## Description

XYRIS is a dark-brown coloured clear liquid free from extraneous matter.

## Applications

XYRIS is a selective pre-emergence herbicide used to control most grasses and some broad-leaved weeds in various crops.

## Packaging

XYRIS is available in 100 ml to 5 L pet bottles. 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. Control vapour or mist formation. Avoid contact with eyes, skin or clothing. 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. 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. If swallowed do not induce vomiting or give liquid orally. 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](mailto:crop_care@atul.co.in)  
Website: [www.atul.co.in](http://www.atul.co.in)

**Note**

XYRIS® is a registered trade mark for Pendimethalin 30% EC which belongs to Atul Ltd.