

# DSD Acid



Safety (MSDS) data

This product is from a Valetime Integrated Source

## GENERAL

<b>CAS</b>	81-11-8
<b>Intrastat No.</b>	2921.59.90.90
<b>Synonyms</b>	4,4-Diaminostilbene-2,2-Disulphonic Acid, DAS Acid, DSD Acid, amsonic acid, flavonic acid, NCI-C60162, DASD, DAS, Tinopal BHS 2,2'-(1,2-ethylenediyl)bis(5-aminobenzenesulfonic acid)
<b>Molecular formula</b>	C14 H14 N2 O6 S2
<b>Use</b>	To manufacture fluorescent whitener, Direct Yellow G, Direct Yellow R and pesticide

## PHYSICAL DATA

<b>Appearance</b>	Pale yellow powder; soluble in ethanol and ether; insoluble in water; easily soluble in alkali solution. It changes red and has characters of aromatic acid and amine on oxidation.
<b>Melting Point</b>	> 325 °C

## STABILITY

Stable.  
Combustible.  
Incompatible with iron, strong oxidizing agents

## TOXICOLOGY

Believed to be toxic by ingestion (which suggests that the toxicity data given below are wrong - the figure of 47g/kg noted in the NTP chemical repository should perhaps be 47 mg/kg).

**Toxicity data** ORL-GPG LD50 47000 mg kg<sup>-1</sup>

## PERSONAL PROTECTION

Treat as potentially toxic - use gloves, safety glasses and adequate ventilation.

### Disclaimer for Specifications

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