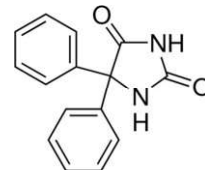




## 5,5-DIPHENYL HYDANTOIN FOR SYNTHESIS

<b>PRODUCTCODE</b>	<b>R09301</b>
<b>SYNONYMS</b>	<b>5,5-Diphenyl-2,4-imidazolidinedione,Phenytoin</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(57-41-0)</b>
<b>ATOMICFORMOLECULARFORMULA</b>	<b>C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub></b>
<b>ATOMICFORMOLECULARWEIGHT</b>	<b>252.27</b>
<b>PROPERTIES</b>	--



PARAMETER	LIMIT
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Description	Whitepowder.
Solubility	Solublein dimethylsulphoxide.
Minimumassay(acidimetric)	99.0%
Meltingrange	293-295°C

Note(s): Assay(ifapplicable)method mentioned.

### WARNING

**Hazardstatements:** Harmfulifswallowed.Maycauseallergicskinreaction.Maycause damage to organsthrough prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

### Precautionarystatements

**Prevention:** Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathingdust/fume/gas/mist/vapours/spray.Donoteat,drinkorsmokewhenusingthisproduct.Contaminated clothing should not be allowed out of the workplace.

**Response:** Ifskinirritationorrashoccurs,seekmedicaladvice/attention.Getmedicaladvice/attentionifyoufeel unwell.IFONSKIN: Gentlywashwithplentyofsoapandwater. Specificftreatment:refertoLabelorMSDS.Wash contaminatedclothingbeforereuse.

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities ofwater.Thequantitiesgreaterthan10gshouldbedissolvedinwaterandtransferredtoheavymetalwastedrums for collection byspecialist disposal company. The waste chemical should be buried on a stage approved site .The liquidsshouldbeabsorbedon sand.

IMDGCode:

UNNo. :

IATA :

### HazardPictogram(s):-



GHS07



GHS08

Replace Date 1 April 2023

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