

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 05.07.2010  
Product: **IRGASTAB® PUR 68**

Version: 1.1

(30208390/SDU\_GEN\_AU/EN)

Date of print 08.10.2010

## 1. Substance/preparation and company identification

### **IRGASTAB® PUR 68**

Use: stabilizer

Company:

BASF Australia Limited (ABN 62 008 437 867)  
Level 12, 28 Freshwater Place Southbank  
Victoria 3006, AUSTRALIA  
Telephone: +61 3 8855-6600  
Telefax number: +61 3 8855-6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]  
BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

## 2. Hazards Identification

**NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS****Classification required according to EU****R phrase(s):**

R53 May cause long-term adverse effects in the aquatic environment.

**S phrase(s):**

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

## 3. Composition/Information on Ingredients

**Chemical nature:**

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Mixture of additives for plastic material stabilization

Hazardous ingredients		Classification	Content (%)
CAS-No.: 125643-61-0	BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-,C7-9-BRANCHED ALKYL ESTERS	R 53	> 70
29943300001-6010	Lactone derivative	R 53	< 15

\*) The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

#### 4. First-aid Measures

##### If inhaled:

In case of irritation of the respiratory system or mucous membranes, seek medical attention. Move to fresh air. Seek medical attention if you feel unwell or if exposure prolonged.

##### On skin contact:

Wash with plenty of soap and water. Do not use organic solvents. Wipe immediately with absorbent paper or textile towels.

##### On contact with eyes:

Rinse immediately with plenty of water for at least 10 minutes taking care to wash under the eyelids. If irritation persists, seek medical attention.

##### On ingestion:

Induce vomiting (only first-aid staff) if person is conscious. Seek medical attention. Rinse mouth and then drink plenty of water. Check breathing and pulse. Place victim in the recovery position, cover and keep warm. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention. Affected person should drink 500 - 800 ml water, if possible with suspended activated carbon for medical use. In case of spontaneous vomiting be sure that vomitus can freely drain because of danger of suffocation. Give water repeatedly. Never give anything by mouth to an unconscious person.

#### 5. Fire-fighting Measures

##### Suitable extinguishing media:

carbon dioxide, foam, dry powder, water spray

##### Unsuitable extinguishing media for safety reasons:

water jet

##### Specific hazards:

Carbon oxides., Phosphorus oxides, toxic gases/vapours

##### Exposure hazards:

Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain the water used for extinguishing. Dispose of contaminated water and soil according to local regulations.

##### Special protective equipment:

Wear a self-contained breathing apparatus. Full protective clothing.

## 6. Accidental Release Measures

### Personal precautions:

Avoid contact with the skin, eyes and clothing.

### Environmental precautions:

Prevent entry into sewage systems, ground and surface waters.

### Methods for cleaning-up or taking-up:

Collect waste in suitable containers, which can be labeled and sealed. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

## 7. Handling and Storage

### Handling

Avoid vapor formation and ignition sources. Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace.

Handle and open container with care.

Close containers immediately after use.

### Storage requirements:

Avoid vapor formation and ignition sources. Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace.

Keep only in the original container.

Keep away from food and drink

Keep container tightly closed.

## 8. Exposure Controls and Personal Protection

### Engineering Controls:

No special technical protective measures required.

### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

### Hand protection:

Protective gloves.

### Eye protection:

Safety glasses with side-shields.

### Body protection:

Closed footwear.

Working clothes.

## 9. Physical and Chemical Properties

Form: liquid  
Colour: colourless

Odour:	characteristic
pH value:	Not tested
Melting point:	Not tested
Boiling point:	Not tested
Sublimation point:	Not applicable
Flash point:	192,5 °C
Flammability:	Not tested
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Ignition temperature:	Not tested
Self-ignition temperature:	Not tested
Explosion hazard:	Not tested
Fire promoting properties:	Not tested
Vapour pressure:	Not tested
Density:	Not tested
Relative density:	no data available
Relative vapour density (Air):	no data available
Solubility in water:	Not tested
Solubility:	Not tested
Partitioning coefficient n-octanol/water (log Pow):	Not tested
Viscosity, dynamic:	no data available
Viscosity, kinematic:	Not tested
Evaporation rate:	no data available

## 10. Stability and Reactivity

### Conditions to avoid:

Avoid electro-static discharge.

### Materials to avoid:

, strong acids, strong bases, strong oxidizing agents

### Hazardous decomposition products:

toxic gases/vapours, phosphorus oxides, Carbon oxides.

## 11. Toxicological Information

### Acute oral toxicity:

rat / LD50: > 2.000 mg/kg  
(Conventional method)

### Acute inhalation toxicity:

Not tested

### Acute dermal toxicity:

rat / LD50: > 2.000 mg/kg  
(Conventional method)  
Skin irritation/corrosion rabbit / Non-irritant (Conventional method)

### Eye irritation/corrosion:

rabbit / Non-irritant (Conventional method)

**Skin Sensitization:**

guinea pig / Non-sensitizing. (Conventional method)

**Repeated dose toxicity:**

no data available

## 12. Ecological Information

**Toxicity to fish:**

Not tested

**Toxicity to aquatic invertebrates:**

Not tested

**Toxicity to aquatic plants:**

Not tested

**Toxicity to microorganisms:**

Not tested

**Transport between environmental compartments/Mobility:**

no data available

**Biodegradation:**

Not tested

**Bioaccumulation:**

no data available

**Additional remarks environmental fate and pathway:**

Do not discharge product uncontrolled into the environment.

**Other ecotoxicological advice:**

This preparation is classified relating to its environmental hazards applying the conventional method described in EU Directive 1999/45/EC, Annex III.

## 13. Disposal Considerations

**Waste disposal of substance:**

Residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.

**Contaminated packaging:**

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

Dispose of in accordance with national, state and local regulations.

Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

## 14. Transport Information

### Domestic transport (ADG):

Not classified as a dangerous good under transport regulations.

### Sea transport (IMDG):

Not classified as a dangerous good under transport regulations.

### Air transport (ICAO/IATA):

Not classified as a dangerous good under transport regulations.

## 15. Regulatory Information

### Other regulations

#### Further information:

NICNAS/AICS:

All components in this product are listed on the inventory

Standard for the Uniform Scheduling of Drugs and Poisons:

Not applicable

Agricultural and Veterinary Chemicals Act 1988:

Not applicable

## 16. Other Information

### Use:

Restricted use: THIS MATERIAL IS NOT INTENDED FOR USE IN PRODUCTS FOR WHICH PROLONGED CONTACT WITH MUCOUS MEMBRANES, BODY FLUIDS OR ABRADED SKIN, OR IMPLANTATION WITHIN THE HUMAN BODY, IS SPECIFICALLY INTENDED, UNLESS THE FINISHED PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH NATIONALLY AND INTERNATIONALLY APPLICABLE SAFETY TESTING REQUIREMENTS. BECAUSE OF THE WIDE RANGE OF SUCH POTENTIAL USES, CIBA IS NOT ABLE TO RECOMMEND THIS MATERIAL AS SAFE AND EFFECTIVE FOR SUCH USES AND ASSUMES NO LIABILITY FOR SUCH USES.

### Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 2:

R53 May cause long-term adverse effects in the aquatic environment.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

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The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.