

Indasol CT87; PIB Welding Agent

722-2210

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(19974)1 IDENTIFICATION OF THE  
SUBSTANCE/PREPARATION AND OF THE  
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## SAFETY DATA SHEET

PRODUCT NAME : Indasol CT87; PIB Welding Agent

PRODUCT CODE : CT087



Highly Flammable



Harmful

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	EC No.	Weight%	Symbols	R Phrases
Aliphatic Hydrocarbons (C5-C7), contains <5% n-Hexane	64742-49-0	265-151-9	> 75	F-Xn-N	11-51/53-65
Acetone	67-64-1	200-662-2	< 25	F	11

## 3 HAZARDS IDENTIFICATION

- Highly Flammable (R11)
- Harmful: may cause lung damage if swallowed (R65)

## 4 FIRST-AID MEASURES

## CONTACT WITH SKIN

- After contact with skin, wash immediately with plenty of soap and water (S28)
- Do not use solvents to clean skin
- Seek medical attention if irritation persists

Indasol CT87: PIB Welding Agent

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## 4 FIRST-AID MEASURES

### CONTACT WITH EYES

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)

### INGESTION

- Seek immediate medical attention
- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

### INHALATION

- Remove patient to fresh air
- Keep warm and at rest
- Seek medical advice

### OTHER INFORMATION

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## 5 FIRE-FIGHTING MEASURES

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - May form explosive vapour/air mixtures
  - In case of fire use foam, carbon dioxide or dry agent - never use water (S43)
  - In case of fire, do not breathe fumes
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## 6 ACCIDENTAL RELEASE MEASURES

- Shut off all ignition sources
  - Ventilate area
  - Absorb spillage in suitable inert material
  - Sweep or shovel-up spillage and remove to a safe place
  - Use non-sparking handtools
  - Wear protective clothing as per section 8
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### 7.1 HANDLING

- Do not breathe vapour/fumes (S23)
  - Use only in well ventilated areas (S51)
  - Avoid contact with skin & eyes
  - In use, may form flammable/explosive vapour-air mixture (R18)
  - Keep away from heat and sources of ignition
  - Take precautionary measures against static discharges (S33)
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### 7.2 STORAGE

- Keep container tightly closed (S7)
  - Store above 5 deg C
  - Do not store above 30 deg C
  - Keep in highly flammable materials store
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Indasol CT87: PIB Welding Agent

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## 8.1 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
  - In case of insufficient ventilation, wear suitable respiratory equipment (S38)
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## 8.2 EXPOSURE LIMITS

Constituent Exposure Limit:

Aliphatic Hydrocarbons (C5-C7), contains <5% n-Hexane

- Exposure limit (in house) 300 ppm

Acetone

- OES / LTEL 750 ppm
  - OES / STEL 1500 ppm
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## 9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, colourless, clear, miscible with most organic solvents
  - Highly flammable (R11)
  - Smells of solvent
  - Boiling point 56 deg C to 95 deg C
  - Flash point -26 deg C (CC)
  - Melting point - not applicable
  - pH - not applicable
  - Density 0.7 kg/m<sup>3</sup> at 20 deg C
  - Viscosity below 1 centipoise
  - Vapour density (air = 1) 2 - 3
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## 10 STABILITY AND REACTIVITY

- Stable
  - In use, may form flammable/explosive vapour-air mixture (R18)
  - Partly soluble in water
  - Keep away from oxidizing substances
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## 11 TOXICOLOGICAL INFORMATION

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
  - Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
  - Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
  - May result in feeling of intoxication and can cause visual disturbance
  - Aspiration Hazard
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Indasol CT87; PIB Welding Agent

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**12 ECOLOGICAL INFORMATION**

- Biodegradable
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**13 DISPOSAL CONSIDERATIONS**

- Do not empty into drains (S29)
  - Disposal should be in accordance with local, state or national legislation
  - In UK, surplus product should be declared a 'Special Waste'. Refer to the 'Control of Pollution (Special Waste) Regulations 1980 - SI 1709'
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**14.1 TRANSPORT REGULATIONS****PROPER SHIPPING NAME:**

Flammable liquid, NOS. UN1993

**UN**

UN No.	: 1993	Hazard Class	: 3
Packing Group	: II		

**Road/Rail (ADR/RID)**

ADR UN No.	: 1993	ADR Hazard Class	: 3
ADR Item no.	: 3,b	ADR/RID No.	:
Tremcard	: 30G30		

**Sea (IMDG)**

IMDG UN No.	: 1993	IMDG Hazard Class	: 3.1
IMDG Page No.	: 3126-	IMDG Pack. Group	: II
IMDG EmS	: 3-05	IMDG MFAG	: 330

**Air (ICAO/IATA)**

ICAO UN No.	: 1993	ICAO Hazard Class	: 3
ICAO Packing Group	: II		

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**14.2 TRANSPORT INFORMATION**

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## 15 REGULATORY INFORMATION

- The COSHH Regulations apply in the UK
- The Environmental Protection Act applies in the UK
- The storage and use of this product is subject to the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972
- The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents
- The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties
- The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.
- This Safety Data Sheet does not constitute a workplace risk assessment



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Harmful

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### 15.1 RISK PHRASES

- Highly Flammable (R11)
- Harmful; may cause lung damage if swallowed (R65)

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### 15.2 SAFETY PHRASES

- Keep away from sources of ignition - No Smoking (S16)
- Keep container in a well ventilated place (S9)
- Use only in well ventilated areas (S51)
- Do not breathe vapour (S23)
- Wear suitable protective clothing and gloves (S36/37)
- If swallowed, seek medical advice immediately and show this container or label (S46)

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## 16 OTHER INFORMATION

For intended use and applications see the Technical Data Sheet for the product.

If you have purchased the product for supply to a third party for use at work, it is your duty to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees, and others who may be affected, of any hazards described in this sheet and of any precautions which should be taken.