



## Material Safety Data Sheet

### IR XL-740HT

Version: 1.0

Revision Date: 2018.05.1

Print Date: 2018.05.1

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *IR XL-740HT*

Product Use Description: Lubricant

Company:

DISTRIBUTOR  
 INGERSOLL RAND  
 800D BEATY ST  
 DAVIDSON, NC  
 28036  
 United States of America

Telephone: +01 704-655-4000

Emergency telephone number: U.S. 24-Hour Emergency #: 800-424-9300  
 :  
 Outside U.S. Emergency #: +01 703-527-3887

Prepared by Product Safety Department  
 (US) +1 866-430-2775

#### SECTION 2. HAZARDS IDENTIFICATION

##### Emergency Overview

Form: liquid      Colour: green      Odour: mild

Hazard Summary : No information available.

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WHMIS Classification	: : Not Rated
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### Potential Health Effects

Symptoms of Overexposure : No information available.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Component / CAS-No.	Weight percent
diphenylamine 122-39-4	>= 0.1 - < 1 %

## SECTION 4. FIRST AID MEASURES

### First aid procedures

- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If not breathing, give artificial respiration.  
Call a physician or poison control centre immediately.  
If breathing is difficult, give oxygen.  
Keep respiratory tract clear.
- Skin contact** : Wash off with soap and plenty of water.  
If symptoms persist, call a physician.  
Take off contaminated clothing and wash before reuse.
- Eye contact** : If eye irritation persists, consult a specialist.
- Ingestion** : Rinse mouth with water.  
If victim is fully conscious, give a cupful of water.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
Never give anything by mouth to an unconscious person.  
Do not give milk or alcoholic beverages.  
Obtain medical attention.

### Notes to physician

- Symptoms** : No information available.
- Risks** : No information available.
- Treatment** : No information available.

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### SECTION 5. FIREFIGHTING MEASURES

#### Flammable properties

#### Fire fighting

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

#### Protective equipment and precautions for firefighters

Specific hazards during firefighting : Burning produces irritant fumes.  
Burning produces noxious and toxic fumes.

Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : No special environmental precautions required.

Methods for containment / Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

#### Handling

Handling procedures : For personal protection see section 8.  
No special handling advice required.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

#### Storage

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

#### Components with workplace control parameters

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Components / CAS-No.	Value / Basis / Update	Control parameters	<u>Further information</u>
diphenylamine 122-39-4	TWA  CA AB OEL  2007-01-01	10 mg/m3	
	TWA  CA BC OEL  2006-11-29	10 mg/m3	
	TWAEV  CA QC OEL  2006-12-29	10 mg/m3	

### Engineering measures

### Personal protective equipment

Eye protection : Safety glasses

Hand protection : For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : General industrial hygiene practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : liquid  
Colour : green

Odour : mild

### Safety data

pH : Note: not applicable

Boiling point/boiling range : > 752 °F (> 400 °C)

Vapour pressure : No data available

Specific Gravity : 0.96 at

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Water solubility : Note: slightly soluble

#### SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: No data available

Materials to avoid : Remarks: Strong acids and strong bases

Hazardous decomposition products : Note: No hazardous decomposition products are known.

#### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity  
diphenylamine : LD50: 2.72 mg/kg  
Species: rat

Acute dermal toxicity  
diphenylamine : LD50: > 2,000 mg/kg  
Species: rabbit

Skin irritation  
diphenylamine : Species: rabbit  
Result: Mild skin irritation

Eye irritation  
diphenylamine : Species: rabbit  
Result: Mild eye irritation

Sensitisation : Remarks: May cause sensitisation by skin contact.

Repeated dose toxicity  
diphenylamine : Species: mouse, male  
Application Route: Oral  
Exposure time: (90 d)  
NOEL: 1.7 mg/kg  
Lowest observable effect level: 93.8 mg/kg

Species: mouse, female  
Application Route: Oral  
Exposure time: (90 d)  
NOEL: 2.1 mg/kg  
Lowest observable effect level: 107 mg/kg

CMR effects  
diphenylamine : Carcinogenicity: Not classifiable as a human carcinogen.

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Mutagenicity: Animal testing did not show any mutagenic effects.  
 Teratogenicity: No toxicity to reproduction  
 Reproductive toxicity: No toxicity to reproduction

Further information : No data available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

Toxicity to fish  
 diphenylamine : LC50: 2.2 mg/l  
 Exposure time: 96 h

Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates  
 diphenylamine : EC50: 1.2 mg/l  
 Exposure time: 48 h  
 Species: Daphnia magna (Water flea)

### Elimination information (persistence and degradability)

Bioaccumulation : Remarks:  
 No data available

Mobility : Remarks:  
 No data available

Biodegradability : Remarks:  
 No data available

### Further information on ecology

#### Ecotoxicology Assessment

Results of PBT assessment  
 No data available

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
 Harmful to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of wastes in an approved waste disposal facility.  
 The product should not be allowed to enter drains, water courses or the soil.  
 In accordance with local and national regulations.  
 Do not dispose of waste into sewer.

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Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.

#### SECTION 14. TRANSPORT INFORMATION

**DOT**

Not dangerous goods

**TDG**

Not dangerous goods

**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods

**RID**

Not dangerous goods

#### SECTION 15. REGULATORY INFORMATION

**WHMIS Classification** :

<b>NPRI Components</b>	:	diphenylamine	122-39-4
		aniline	62-53-3
		Xylene	1330-20-7
		Ethylbenzene	100-41-4

**The components of this product are reported in the following inventories:**

**US.TSCA** On TSCA Inventory

**DSL** All components of this product are on the Canadian DSL.

**AICS** On the inventory, or in compliance with the inventory

**NZIoC** On the inventory, or in compliance with the inventory

**ENCS** Not in compliance with the inventory

**KECI** On the inventory, or in compliance with the inventory

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**PICCS**

On the inventory, or in compliance with the inventory

**IECSC**

On the inventory, or in compliance with the inventory

**SECTION 16. OTHER INFORMATION****Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.