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

<table>
<thead>
<tr>
<th>Form: liquid</th>
<th>Colour: green</th>
<th>Odour: mild</th>
</tr>
</thead>
</table>

Hazard Summary  No information available.
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WHMIS Classification : : Not Rated

Potential Health Effects
Symptoms of Overexposure : No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

<table>
<thead>
<tr>
<th>Component / CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>diphenylamine</td>
<td>&gt;= 0.1 - &lt; 1 %</td>
</tr>
<tr>
<td>122-39-4</td>
<td></td>
</tr>
</tbody>
</table>

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.
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 | Further information
---|---|---|---
diphenylamine 122-39-4 | TWA CA AB OEL 2007-01-01 | 10 mg/m³ | 
| TWA CA BC OEL 2006-11-29 | 10 mg/m³ | 
| TWA EV 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.
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.
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:

NPRI Components:
- 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
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.