

Material Safety Data Sheet



IR XL-740HT

Version: 1.0

Revision Date: 2018.05.1

Print Date: 2018.05.1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: IR XL-740HT

Lubricant

Product Use Description:

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

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2. HAZARDS IDENTIFICATION

Classified according to the criteria of NOHSC.
NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Standard for the Uniform : Schedule 5
Scheduling of Medicines and
Poisons

R-phrase(s)

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S60: This material and its container must be disposed of as hazardous waste.

General advice : No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Hazardous components

Chemical Name	CAS-No.	Concentration
N-1-naphthylaniline	90-30-2	< 10%
diphenylamine	122-39-4	< 10%

Non-Hazardous components

Chemical Name	CAS-No.	Concentration
Non-Hazardous Component(s)		> 60%

4. FIRST AID MEASURES

General advice : For advice, contact a Poisons Information Centre (Phone: Australia 131 126 or New Zealand 0800 764 766) or a doctor at once.

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.

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- 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.

5. FIREFIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions : No special environmental precautions required.
- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

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7. HANDLING AND STORAGE

Handling

Advice on safe handling : 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.

Materials to avoid : Strong acids and strong bases
Other data : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
diphenylamine	122-39-4	TWA	10 mg/m ³	2012-05-04	AU OEL

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

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

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : green

Odour : mild

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Safety data

pH : Note: Not applicable

Boiling point/boiling range : > 400 °C

Vapour pressure : Note: No data available

Relative density : 0.96

Water solubility : Note: slightly soluble

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.

Hazardous reactions : Note: No hazards to be specially mentioned.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity
N-1-naphthylaniline : LD50: 1,625 mg/kg
Species: Rat

diphenylamine : LD50: 2.72 mg/kg
Species: Rat

Acute dermal toxicity
N-1-naphthylaniline : LD50 Dermal: > 5,000 mg/kg
Species: Rabbit

diphenylamine : LD50: > 2,000 mg/kg
Species: Rabbit

Skin irritation
N-1-naphthylaniline : Species: Rabbit
Result: No skin irritation
Method: Draize Test

diphenylamine : Species: Rabbit

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Result: Mild skin irritation

Eye irritation

N-1-naphthylaniline

: Species: Rabbit
 Result: No eye irritation
 Method: OECD Test Guideline 405

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 observed effect level: 93.8 mg/kg

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

CMR effects

N-1-naphthylaniline

: Carcinogenicity: Animal testing did not show any carcinogenic effects.
 Mutagenicity: Animal testing did not show any mutagenic effects., Tests on bacterial or mammalian cell cultures did not show mutagenic 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

N-1-naphthylaniline

: LC50: 0.44 mg/l
 Exposure time: 96 h

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diphenylamine : Species: Oncorhynchus mykiss (rainbow trout)
semi-static test Analytical monitoring: yes

diphenylamine : LC50: 2.2 mg/l
Exposure time: 96 h

Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates

N-1-naphthylaniline : EC50: 0.68 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
semi-static test Analytical monitoring: yes

diphenylamine : EC50: 1.2 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)

Toxicity to bacteria

N-1-naphthylaniline : EC50: 2 mg/l
Exposure time: 48 h
Species: Protozoa

EC50: > 10,000 mg/l
Exposure time: 3 h
Species: Bacteria

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

N-1-naphthylaniline : NOEC: 0.02 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Analytical monitoring: yes

Elimination information (persistence and degradability)

Bioaccumulation : Remarks:
No data available

Mobility : Remarks:
No data available

Biodegradability : Remarks:
No data available

Further information on ecology

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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.

13. DISPOSAL CONSIDERATIONS

Product

: 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.

14. TRANSPORT INFORMATION

ADG

Not dangerous goods

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

15. REGULATORY INFORMATION

R-phrases)

: R52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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National regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons : Schedule 5

Other international regulations

Notification status

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

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

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.

End of Safety Data Sheet