

# INO SHINE 350

## SECTION 1. IDENTIFICATION

**Product Identifier** INO SHINE 350  
**Other Means of Identification** Tire protector with silicone  
**Recommended Use** Tire protection.  
**Manufactured for** Groupe Dissan Inc.  
 9280, Boul. Du Golf  
 Anjou, Québec, H1J-3A1  
 (514) 789-6363

**Emergency Phone No.** CANUTEC, (613) 996-6666  
**SDS No.** 71

## SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

### Classification

Flammable liquid - Category 2; Acute toxicity (Dermal) - Category 5; Skin irritation - Category 2; Specific target organ toxicity (single exposure) - Category 3; Aspiration hazard - Category 1

### Label Elements



Signal Word:

Danger

Hazard Statement(s):

H225 Highly flammable liquid and vapour.  
 H313 + H333 May be harmful in contact with skin or if inhaled.  
 H304 May be fatal if swallowed and enters airways.  
 H336 May cause drowsiness or dizziness.

Precautionary Statement(s):

Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233 Keep container tightly closed.  
 P241 Use explosion-proof equipment.  
 P243 Take precautionary measures against static discharge.  
 P264 Wash hands thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/eye protection/face protection.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

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P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor.  
Storage:  
P403 + P235 Store in a well-ventilated place. Keep cool.  
Disposal:  
P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
n-Heptane	142-82-5	60-80	205-563-8	Not applicable

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Call a Poison Centre or doctor if you feel unwell.

##### Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Get medical advice or attention if you feel unwell or are concerned.

##### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

##### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

#### Specific Hazards Arising from the Product

Highly flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air.

#### Special Protective Equipment and Precautions for Fire-fighters

Evacuate area. For a massive fire, immediately evacuate the area and use unmanned hose holder or monitor nozzles. Fight fire from a protected, explosion-resistant location or maximum distance possible.

Fire-fighters should enter area wearing specialized protective equipment. (Bunker Gear will not provide adequate protection.).

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area.

#### Environmental Precautions

It is good practice to prevent releases into the environment.

#### Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Contain and soak up spill with absorbent that does not react with spilled product. Do NOT use combustible materials such as sawdust. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: remove or recover liquid using

pumps or vacuum equipment. Dike and recover contaminated water for appropriate disposal. Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal. Get expert advice before treating the spilled product with other chemicals to make it less hazardous. Store recovered product in suitable containers that are: contact emergency services and manufacturer/supplier for advice.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Obtain special instructions before use. Avoid breathing in this product. Prevent skin contact. Avoid repeated or prolonged skin contact. Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Avoid generating vapours or mists. Avoid release to the environment. Immediately report leaks, spills or failures of the safety equipment (e.g. ventilation system). Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use.

### Conditions for Safe Storage

Store in an area that is: cool, temperature-controlled, well-ventilated, out of direct sunlight and away from heat and ignition sources, an approved, fire-resistant area, separate from incompatible materials (see Section 10: Stability and Reactivity), clear of combustible and flammable materials (e.g. old rags, cardboard).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Appropriate Engineering Controls

Do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles. Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots. Verify carefully the gloves condition before each use.

#### Respiratory Protection

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Odour	(n-Heptane)
pH	Not applicable
Melting Point/Freezing Point	Not applicable (melting); Not applicable (freezing)
Flash Point	~ -12.7 °C (open cup)
Vapour Pressure	Not available
Solubility	Insoluble in water; Soluble in all proportions in common organic solvents.
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Viscosity	Not available (kinematic)
<b>Other Information</b>	
Physical State	Liquid
Surface Tension	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

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Not reactive under normal conditions of use.

#### Chemical Stability

Normally stable.

#### Possibility of Hazardous Reactions

This product may produce a dangerous reaction in contact with oxidizing materials or concentrated acids.

#### Conditions to Avoid

Heat. High temperatures. Prolonged exposure to high temperatures. Open flames, sparks, static discharge, heat and other ignition sources.

#### Incompatible Materials

Oxygen, oxidizing agents (e.g. peroxides).

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
n-Heptane	103000 mg/m <sup>3</sup> (rat) (4-hour exposure)	15000 mg/kg (rat) (4-hour exposure)	2000 mg/kg (rabbit) (4-hour exposure)

Inhalation ATE<sub>mix</sub> = 129234.6 mg/L (4-hour exposure) (dust/mist)

0% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (inhalation)

Oral ATE<sub>mix</sub> = 18820.58 mg/kg

0% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral)

Dermal ATE<sub>mix</sub> = 2509.41 mg/kg

0% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal)

### Skin Corrosion/Irritation

Repeated or prolonged exposure can irritate or burn the skin.

### Serious Eye Damage/Irritation

May cause serious eye damage based on information for closely related materials.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May be toxic by inhalation.

#### Skin Absorption

This product is absorbed by the respiratory tract and the digestive tract.

#### Ingestion

May be toxic by ingestion.

### Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

Not known to cause cancer.

### Reproductive Toxicity

#### Development of Offspring

No information was located.

#### Sexual Function and Fertility

No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION****Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet. Empty containers retain product residue. Follow label warnings even if container appears to be empty. Do not reuse empty containers.

**SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
TMD au Canada	UN1206	LIQUIDE INFLAMMABLE, N.A.S (n-Heptane)	Classe 3	II

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations**

Classified according to Canada's hazardous Regulations (WHMIS 2015).

**Canada****WHMIS 1988 Classification**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

**Custom Regulatory 1**

Europe :

European Inventory of Existing Commercial Chemical Substances (EINECS) : Yes.

European List of Notified Chemical Substances (ELINCS) : No.

**SECTION 16. OTHER INFORMATION**

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**References**

<https://echa.europa.eu/fr/>  
<http://www.csst.qc.ca/Pages/index.aspx>.  
Security data sheets of the suppliers.

**Additional Information**

The preceding indications are based on our current knowledge but do not represent a guaranty in terms of the product's proprieties and do not establish a legally valid contractual relationship. The manipulation and use conditions of the product go beyond the rep's control. It is the user's responsibility to evaluate all available information before using the product, no matter the type of use, and to respect all local, provincial and federal legislations and laws.

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