

## CONCENTRATED LAUNDRY HE DETERGENT

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	<b>INO WASH 2</b>
<b>Other Identification</b>	INO-WHS2
<b>Recommended Use</b>	Concentrated laundry detergent.
<b>Restrictions on Use</b>	All other uses than those indicated on the product label and technical data sheet.
<b>Supplier</b>	<b>Le Groupe Dissan</b> , 9900 Boul. Du Golf, Anjou (Qué), H1J 2Y7 Tel.: (514) 789-6363
<b>Emergency Phone No.</b>	Quebec Poison Control Centre (24 hours service) Quebec, (800) 463-5060 (no charge) All other places, (418) 656-8090, CANUTEC, (613) 996-6666 (collect)

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin irritation - Category 2; Eye irritation - Category 2

#### Label Elements



Signal Word:  
Warning

#### Hazard Statement(s):

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

#### Precautionary Statement(s):

P264 Wash hands and skin thoroughly after handling.  
P280 Wear protective gloves/eye protection/face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P332 + P313 If skin irritation occurs: Get medical advice or attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice or attention.

#### Other Hazards

Not applicable.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	10-30	Information not available	Information not available
Alcohols, C12-15, ethoxylated	68131-39-5	3-7	Information not available	Information not available

#### Notes

Concentrations are expressed in % weight/weight.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Remove source of exposure or move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor.

##### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation or a rash occurs, get medical advice or attention.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor.

##### Ingestion

Rinse mouth with water. Immediately call a Poison Centre or doctor. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

#### Most Important Symptoms and Effects, Acute and Delayed

Causes skin irritation. Causes serious eye damage.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

##### Unsuitable Extinguishing Media

Not applicable.

#### Specific Hazards Arising from the Product

In the presence of fire, promptly isolate the scene by removing all persons located near the scene of the accident. Take no action involving any personal risk or without suitable training.

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

It is imperative that firefighters wear protective equipment and a suitable respirator equipped with a mask full-face positive pressure.

Before entry, especially into confined areas, use an appropriate monitor to check for: toxic gases or vapours.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Increase ventilation to

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area or move leaking container to a well-ventilated and secure area. Remove or isolate incompatible materials as well as other hazardous materials. Take no action involving any personal risk or without suitable training. Do not touch or walk through spilled material.

#### Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Flush spill area. Get expert advice before treating the spilled product with other chemicals to make it less hazardous.

#### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product. Use in well ventilated areas. Do not get in eyes or on skin. Avoid inhalation of mists/vapours/fumes. Wash thoroughly after handling.

#### Conditions for Safe Storage

Store in an airtight container in a dry, well ventilated place with corrosion resistant cemented floor. Refer to SRST and NFC Standards for Storage. Keep away from combustible materials and acids. If the product is stored with other hazardous substances, refer to the NFC segregation table. Containers of corrosive substances must be kept closed, clearly marked with their contents, and handled with care. Additional information: This product attacks certain types of plastic, rubber or coating.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Benzenesulfonic acid, C10-16-alkyl derivs.	Not established	Not established	Not established	Not established	Not established	Not established
Alcohols, C12-15, ethoxylated	Not established	Not established	Not established	Not established	Not established	Not established

ACGIH TLV 2012

OSHA PEL 2012

AIHA WEEL 2011.

#### Appropriate Engineering Controls

The purpose of the Health and Safety Act is to eliminate hazards at the source. Where engineering controls and changes in working procedures are not sufficient to reduce exposure to this substance, the use of personal protective equipment may be necessary. These protective equipment must comply with the regulations.

#### Individual Protection Measures

##### Eye/Face Protection

Wear eye protection if splashing is likely. The selection of an eye protector depends on the nature of the work to be performed and, if applicable, on the type of respirator used.

##### Skin Protection

Wear skin protective equipment. The selection of such equipment depends on the nature of the work to be performed.

##### Respiratory Protection

Wear appropriate respirator when ventilation is inadequate.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Transparent blue liquid.
<b>Odour</b>	Fresh
<b>Odour Threshold</b>	Not available
<b>pH</b>	7.5 - 8.5
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.0 - 1.1
<b>Solubility</b>	Very soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Under normal conditions of storage and use, hazardous reactions will not occur.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Keep away from freezing and excessive heat.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Benzenesulfonic acid, C10-16-alkyl derivs.		890 mg/kg (rat)	> 2000 mg/kg (rabbit)

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Alcohols, C12-15, ethoxylated		1800 mg/kg (rat)	2800 mg/kg (rabbit)
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LD50 Oral ATEmix = Without category

**Skin Corrosion/Irritation**

Causes skin irritation.

**Serious Eye Damage/Irritation**

Serious eye damage.

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

**Inhalation**

No known significant effects or critical hazards.

**Skin Absorption**

No known significant effects or critical hazards.

**Ingestion**

No known significant effects or critical hazards.

**Respiratory and/or Skin Sensitization**

Not a respiratory sensitizer. Not a skin sensitizer.

**Carcinogenicity**

The data do not allow an adequate assessment of the carcinogenic effect.

**Reproductive Toxicity**

**Development of Offspring**

No data on teratogenic effects have been found.

**Sexual Function and Fertility**

No data on reproductive effects have been found.

**Germ Cell Mutagenicity**

The data do not allow an adequate evaluation of the mutagenic effect.

No information was located for: Aspiration Hazard, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Effects on or via Lactation, Interactive Effects

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No known significant effects or critical hazards.

**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**

It is important to minimize or avoid the generation of waste wherever possible. Disposal of this product and solutions must always respect the provisions of the law on environmental protection and waste disposal and must remain in compliance with the requirements of local laws and regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult local or regional authorities.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	Not regulated	Not applicable		

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS 1988 Classification

D2B - Toxic

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.

## SECTION 16. OTHER INFORMATION

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**Disclaimer** Notice to reader and user : The information contained in this document is accurate to the best of our knowledge. however, the above named supplier assumes any liability whatsoever with respect to the accuracy of the informatoin contained in this document. The finl determination ond suitability of any material or product is the sole responsibility of the user. All materials may pose risk and should be used whith caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist .

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