

FABRIC STAIN REMOVER

SECTION 1. IDENTIFICATION

Product Identifier **INO WASH 4**
Other Identification INO-WSH4
Recommended Use Liquid stain remover for fabrics.
Restrictions on Use All other uses than those indicated on the product label and technical data sheet.
Supplier **Le Groupe Dissan**, 9900 Boul. Du Golf, Anjou (Qué), H1J 2Y7 Tel.: (514) 789-6363

Emergency Phone No. 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

Flammable liquid - Category 4; Carcinogenicity - Category 2

Label Elements



Signal Word:
Warning

Hazard Statement(s):

H227 Combustible liquid.
H351 Suspected of causing cancer.

Precautionary Statement(s):

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage:

P403 Store in a well-ventilated place.

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to.

Other Hazards

Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | % | Other Identifiers | Other Names |
|-------------------------------------|-----------|-----------|---------------------------|---------------------------|
| Propylene glycol methyl ether | 107-98-2 | 1.0 - 5.0 | Information not available | Information not available |
| Diethylene glycol monobutyl ether | 112-34-5 | 1.0 - 5.0 | Information not available | Information not available |
| Propylene glycol mono-n-butyl ether | 5131-66-8 | 1.0 - 5.0 | Information not available | Information not available |
| Trisodium nitrilotriacetate | 5064-31-3 | 1.0 - 5.0 | 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

If in eyes: may cause mild irritation. If on skin: may cause mild irritation.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water spray. Use water to keep non-leaking, fire-exposed containers cool.

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.

Product Identifier: Liquid stain remover for fabrics. - Ver. 1

Date of Preparation: juillet 18, 2018

Date of Last Revision:

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 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 accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10). Keep container tightly closed when not in use. Opened containers must be carefully resealed and kept upright to prevent leakage. Use appropriate container to avoid environmental contamination. Do not store in unlabeled containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Chemical Name | ACGIH TLV® | | OSHA PEL | | AIHA WEEL | |
|-----------------------------------|------------|---------|-----------------|-----------------|-----------------|-----------------|
| | TWA | STEL | TWA | Ceiling | 8-hr TWA | TWA |
| Propylene glycol methyl ether | 50 ppm | 100 ppm | Not established | Not established | Not established | Not established |
| Diethylene glycol monobutyl ether | 10 ppm | | | | | |

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

Product Identifier: Liquid stain remover for fabrics. - Ver. 1

Date of Preparation: juillet 18, 2018

Date of Last Revision:

Page 03 of 06

performed.

Respiratory Protection

Wear appropriate respirator when ventilation is inadequate.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

| | |
|---|--|
| Appearance | Transparent colourless liquid. |
| Odour | Specific to the ingredients |
| Odour Threshold | Not available |
| pH | 9.0 - 10.0 |
| Melting Point/Freezing Point | Not available (melting); Not available (freezing) |
| Initial Boiling Point/Range | Not available |
| Flash Point | Not applicable |
| Evaporation Rate | Not available |
| Flammability (solid, gas) | Not applicable |
| Upper/Lower Flammability or Explosive Limit | Not applicable (upper); Not applicable (lower) |
| Vapour Pressure | Not available |
| Vapour Density (air = 1) | Not available |
| Relative Density (water = 1) | 1.0 - 1.1 |
| Solubility | Very soluble in water |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available |
| Auto-ignition Temperature | Not applicable |
| Decomposition Temperature | Not available |
| Viscosity | 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

No specific data.

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

Product Identifier: Liquid stain remover for fabrics. - Ver. 1

Date of Preparation: juillet 18, 2018

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| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|-------------------------------------|---|-------------------------|------------------------|
| Propylene glycol methyl ether | 19843 ppm (guinea pig) (4-hour exposure) | 4016 mg/kg (guinea pig) | 13000 mg/kg (rabbit) |
| Diethylene glycol monobutyl ether | | 3305 mg/kg (rat) | > 2700 mg/kg (rat) |
| Propylene glycol mono-n-butyl ether | > 3.4 mg/L (4-hour exposure) | 3300 mg/kg (rat) | > 2000 mg/kg (rat) |
| Trisodium nitrilotriacetate | > 5 mg/L (rat) (4-hour exposure) | 1740 mg/kg (rat) | > 10000 mg/kg (rabbit) |

LC50 Inhalation (gases) ATEmix: Without category
 LC50 Inhalation (vapours) ATEmix: Without category

LD50 Oral ATEmix : Without category
 LD50 Dermal ATEmix : Without category

Skin Corrosion/Irritation

May cause minor irritation to skin.

Serious Eye Damage/Irritation

May cause minor eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Type custom phrase here.

Skin Absorption

No known significant effects or critical hazards.

Ingestion

May irritate the mouth, throat and stomach. May cause headache, abdominal pain, diarrhea, nausea and vomiting.

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 | UN2810 | TOXIC LIQUID ORGANIC N.O.S. | 6.1 | III |

Special Precautions Please note: Limited quantity when 5L or less.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS 1988 Classification

B2 - Flammable Liquid; D1B - 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 .

Product Identifier: Liquid stain remover for fabrics. - Ver. 1

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Page 06 of 06