

INO SHOP 34

SECTION 1. IDENTIFICATION

Product Identifier INO SHOP 34
 Other Means of Identification Concentrated Floor Cleaner
 Product Family Degreaser
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. 334

SECTION 2. HAZARD IDENTIFICATION**Classification**

Skin corrosion - Category 1; Serious eye damage - Category 1; Skin sensitization - Category 1

Label Elements

Signal Word:

Danger

Hazard Statement(s):

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

Precautionary Statement(s):

Prevention:

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310 Immediately call a POISON CENTRE or doctor.

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

P363 Wash contaminated clothing 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.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Diethylene glycol monobutyl ether	112-34-5	5-10	EC 203-961-6	Not applicable
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5	EC 200-573-9	Not applicable
Sodium xylenesulfonate	1300-72-7	1-5	EC 215-090-9	Not applicable
Alcohols, C9-11, ethoxylated, liquids	68439-46-3	1-5	EC 500-446-0	Not applicable
Sodium Metasilicate	6834-92-0	5-10	EC 229-912-9	Not applicable

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Immediately call a Poison Centre or doctor. Specific treatment is urgently required.

Skin Contact

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation or a rash occurs, get medical advice or attention. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

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. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Get medical advice or attention if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Specific Hazards Arising from the Product

Can ignite if strongly heated.

Special Protective Equipment and Precautions for Fire-fighters

Evacuate area. Fight fire from a safe distance or a protected location. As in any fire incident case, wear a powered air purifying respirator, MSHA/NIOSH (Approved or equivalent) and a complete protective suit.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

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. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Remove or isolate incompatible materials as well as other hazardous materials.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Collect liquid with absorbent (sand, diatomaceous earth, universal binder, sawdust) flush spill area. Review Section 13

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(Disposal Considerations) of this safety data sheet.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Avoid release to the environment. Immediately report leaks, spills or failures of the safety equipment (e.g. ventilation system). Avoid heating that will increase the amount of vapours. If product is transferred to another container, ensure new container is suitable for the product. Prevent accidental contact with incompatible chemicals. Never add water to a corrosive. Always add corrosives slowly to COLD water. Never reuse empty containers, even if they appear to be clean. Do NOT eat, drink or store food in work areas. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. See Section 13 (Disposal Considerations) of this safety data sheet.

Conditions for Safe Storage

Store in an area that is: well-ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity). Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear. Particle Size: Not applicable
Odour	(Diethylene glycol monobutyl ether)
Odour Threshold	Not available
pH	12.5
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)	Not available
Solubility	Soluble in water; Not available (in other liquids)
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)

Other Information

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Physical State	Liquid
Molecular Formula	Not applicable
Bulk Density	Not available
Surface Tension	Not available
Critical Temperature	Not available
Electrical Conductivity	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available

SECTION 10. STABILITY AND REACTIVITY

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

Acidic conditions (low pH). Freezing. Prolonged exposure to high temperatures.

Incompatible Materials

Reacts with : organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), oxidizing agents (e.g. peroxides), strong acids (e.g. hydrochloric acid).

Hazardous Decomposition Products

Corrosive chemicals.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Sodium Metasilicate	2.06 mg/kg (rat)	857 mg/kg (rat)	5000 mg/kg (rat)
Sodium xylenesulfonate		7200 mg/kg (rat)	2000 mg/kg (rabbit)
Diethylene glycol monobutyl ether		5000 mg/kg (rat)	2764 mg/kg (rabbit)
Alcohols, C9-11, ethoxylated, liquids		3000 mg/kg (rabbit)	2000 mg/kg (rat)

Oral ATEmix = 7886.05 mg/kg

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

Dermal ATEmix = 16595.4 mg/kg

3.04% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal)

Skin Corrosion/Irritation

Corrosive based on information for closely related materials.

Serious Eye Damage/Irritation

Causes serious eye damage based on skin corrosion information.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

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Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located for respiratory sensitization. Skin sensitizer.

Carcinogenicity

No information was located.

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.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Sodium Metasilicate	2320 (96-hour)			
Sodium xylenesulfonate	1000 mg/L (96-hour)	1000 mg/L (Daphnia pulex (water flea); 48-hour)		230 mg/kg mg/L (72-hour)
Diethylene glycol monobutyl ether	2400 mg/L (Lepomis macrochirus (bluegill); 48-hour; static)	100 mg/L (Daphnia magna (water flea); 48-hour)		
Alcohols, C9-11, ethoxylated, liquids	5-10 mg/L (96-hour)	5-10 mg/L (48-hour)		10-100 mg/L (Desmodesmus subspicatus (algae); 72-hour)

Persistence and Degradability

No ingredient of this product or its degradation products is known to be highly persistent.

Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

Mobility in Soil

If released into the environment, this product can move slowly through the soil.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations. This

product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. The preferred waste management options are: treat waste in an approved waste disposal facility. Store product for disposal as described under Storage in Section 7 of this safety data sheet. Do not reuse empty containers.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG				

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

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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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Key to Abbreviations CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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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