

1. Identification

Product identifier:	INO Chef 25
Code :	INO-WW25
Supplier Name :	The Dissan Group Inc. 9900 Bd du Golf, Anjou, QC H1J 3A1
Telephone :	(514) 789-6363
Emergency tel. number:	(514) 789-6363
Available hours:	8h00 - 17h00 Monday to Friday
Recommended use:	Mechanical warewashing rinse agents - High temperature
Restriction on use :	For commercial, institutional, and industrial use only.

2. Hazard identification

Signal word:	Not applicable
Product classification:	Not applicable
Pictogram :	Not applicable
Hazard statement:	Not applicable
Precautionary statements, Prevention	Not applicable
Precautionary statements, Response	Not applicable
Precautionary statements, Storage	Not applicable
Precautionary statements, Disposal	Not applicable

3. Composition/ Information on ingredients

CAS No	Name of the components	% _(w/w) *
67-63-0	Isopropyl alcohol	1 - 5

*The exact concentration of the components is kept as an industrial secret.

4. First-aid measures

Eye contact:	Rinse the eyes with water. In case of prolonged irritation, consult a doctor.
Skin contact:	Rinse the contaminated area with water. In case of prolonged discomfort, consult a doctor.
Inhalation :	Take the victim to a well-ventilated area.

Ingestion :	In case of ingestion, rinse the mouth with water. Consult a doctor if symptoms persist. Do NOT induce vomiting.
Symptoms :	Possible skin or eye irritation in case of prolonged contact with the undiluted product.
Effects acute and delayed :	No information available.
Notes to the doctor:	Treat the symptoms.

5. Fire-fighting measures

Suitable extinguishing media :	Use an extinguishing media suitable for the surrounding materials.
Unsuitable extinguishing media :	No specific data.
Specific hazards arising from the hazardous product :	No specific danger.
Hazardous combustion products :	Carbon monoxide and carbon dioxide.
Special protective equipment and precautions for fire-fighters :	As with any fire, wear a self-contained breathing apparatus, in accordance with MSHA/NIOSH standards (approved or equivalent), and full protective equipment.

6. Accidental release measures

Personal precautions :	Evacuate non-essential personnel from the area. Avoid breathing vapors or mist. Ensure adequate ventilation. Wear appropriate respiratory protection when the ventilation system is inadequate. Wear appropriate personal protective equipment (see Section 8).
Protective equipment and emergency procedures :	Prevent the product from spreading into the environment. Block nearby drains. Use an inert absorbent or spill containment booms designed for this purpose to contain the spill.
Methods and materials for containment and cleaning up :	Stop the leak at source if it can be done without risk. Contain the leaks and collect them using non-combustible absorbent materials such as sand, earth, vermiculite, or any other material designed for this purpose. Place the material in an appropriate container for disposal in accordance with local regulations.

7. Handling and storage

Precautions for safe handling:	It is prohibited to eat, drink, or smoke in areas where this product is handled, stored, or processed. Individuals handling this product must wash their hands and face before eating, drinking, or smoking.
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Conditions for safe storage : The container must be tightly closed when not in use. Open containers should be carefully resealed and kept upright to prevent leaks. It is not recommended to store in unlabelled containers.

Incompatibility : No specific data. Avoid mixing chemicals that are not specifically designed for this purpose.

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8. Exposure Controls/ Personal protection

CAS No	Name of the components	8-hour occupational exposure limit (TWA)	15-minute occupational exposure limit (STEL)	Ceiling occupational exposure limit
67-63-0	Isopropyl alcohol	200 ppm	400 ppm	-

* Values from the RSST

Engineering control : Provide adequate general ventilation to maintain concentrations below the limit values.

Mesures de protection individuelle

Eyes : Avoid contact lenses. Wear safety glasses.

Hands and skin : Avoid contact with skin.

Respiratory : Normal uses of this product do not require respiratory protection. If conditions require, wear approved equipment.

Others : No specific data.

9. Physical and chemical properties

Physical state:	Liquid	Colour :	Blue	Odour :	Weak alcohol odour
Odour threshold :	Not available	pH :	5.5 – 6.5	Melting/Freezing point :	Similar to water
Initial boiling point/boiling range :	> 100 °C	Flash point :	N/A	Flammability (Solids and Gases):	N/A
Lower flammable/explosive limit :	N/A	Upper flammable/explosive limit :	N/A	Auto-ignition temperature :	N/A

Evaporation rate :	< 0.05 (ether = 1)	Vapour pressure :	< 17.5 mm Hg at 20 °C	Vapour density :	< 1 (air = 1)
Specific gravity :	1.00 – 1.01 at 20 °C	Water solubility :	Miscible	Partition coefficient – n- octanol/water :	Not available
Decomposition temperature :	N/A	Kinematic viscosity :	< 20,5 mm ² /s (at 40 °C)		

10. Stability and reactivity

Reactivity :	Non-reactive under normal conditions.
Chemical stability :	Stable under normal conditions.
Possibility of hazardous reactions :	No specific data
Conditions to avoid :	No specific data.
Incompatible materials :	No specific data.
Hazardous decomposition products :	No specific data.

11. Toxicological information

CAS No	Name of the components	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
67-63-0	Isopropyl alcohol	4720 mg/kg (Rat)	-	30.1 mg/l, Rat, 4 hours

Product information

Acute toxicity :	N/A	Skin corrosion - Skin irritation :	N/A
Serious eye damage - Serious eye irritation :	N/A	Skin or respiratory sensitization :	N/A
Mutagenicity on germ cells :	N/A	Carcinogenicity :	N/A
Reproductive toxicity :	N/A	Specific target organ toxicity – single exposure :	N/A
Specific target organ toxicity – repeated exposure :	N/A	Aspiration hazard :	N/A

12. Ecological information

Ecotoxicity :	No specific data.
Persistence and degradability. Bioaccumulative potential. Other adverse effects :	No specific data.
Degradability :	No specific data.
Mobility in soil :	No specific data.

13. Disposal considerations

Disposal must be carried out in accordance with federal, provincial, and municipal regulations. Surplus and non-recyclable products should be disposed of through a specialized and authorized company. Precautions must be taken when handling empty containers that have not been cleaned or rinsed.

14. Transport information

TDG

UN Number	Shipping name	Class	Packing group
N/A	Not regulated	N/A	N/A

IMGD

UN Number	Shipping name	Class	Packing group
N/A	Not regulated	N/A	N/A

IATA

UN Number	Shipping name	Class	Packing group
N/A	Not regulated	N/A	N/A

15. Regulatory information

National inventory

CAS No	Name of the components	DSL	TSCA
67-63-0	Isopropyl alcohol	X	X

16. Other information

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