SAFETY DATA SHEET

Revision Date 01/25/2017 **REVISION NUMBER:** 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product name INO GLOSS 1 ELITE FLOOR FINISH

Other means of identification
Product code 119129
Synonyms NONE

Recommended use of the chemical and restrictions on use
Recommended Use Floor Finish.
Uses advised against No information available

Details of the supplier of the safety data sheet
Manufacturer Address
See Distributor information.

Importer
INO Solutions
9280 Boul du Golf
Anjou, Montreal, P.Q. H1J 3A1

Distributor
INO Solutions
9280 Boul du Golf
Anjou, Montreal, P.Q. H1J 3A1

Emergency telephone number
EMERGENCY TELEPHONE CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

Regulatory Status
This chemical is not considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Opaque white liquid. **Physical state** Liquid **Odor** Mild Odor

Hazards not otherwise classified (HNOC)
No information available
Other Information
Unknown Acute Toxicity 17.3562% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Dipropylene glycol methyl ether	34590-94-8	3.14	
Diethylene glycol ethyl ether	111-90-0	2.36	

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4. FIRST AID MEASURES

First aid measures

General advice No hazards which require special first aid measures.

Eye contact IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact IF ON SKIN: Wash with soap and water.

Inhalation IF INHALED: Remove to fresh air.

Ingestion IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data
Sensitivity to Mechanical Impact NONE.
Sensitivity to Static Discharge NONE.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

Methods for cleaning up Pick up and transfer to properly labeled containers. Flush residue with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with eyes, skin and clothing. Use only in well-ventilated areas.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep from freezing. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Do not mix with salts. Do not mix with acidic materials. Product coagulates.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines .

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dipropylene glycol methyl ether 34590-94-8	STEL: 150 ppm TWA: 100 ppm	(vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m^3 S* (vacated) S* (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m^3 TWA: 100 ppm TWA: 600 mg/m^3	600 ppm

Appropriate engineering controls

ENGINEERING CONTROLS Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses are recommended to minimize eye contact.

Skin and body protection Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

RESPIRATORY PROTECTION If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Opaque white liquid.	**Odor**	Mild Odor
Color	White	**Odor threshold**	No information available

Property	Values	Remarks • Method
pH	9.0	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	-	None to boiling.
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific gravity	1.02 - 1.035	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
VOC (EPA METH.24) (G/L):	56.1
Density	1.02 kg/l
Bulk density	No information available

10. STABILITY AND REACTIVITY

REACTIVITY
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

CONDITIONS TO AVOID
Extremes of temperature and direct sunlight.

Incompatible materials
Do not mix with salts. Do not mix with acidic materials. Product coagulates.

Hazardous Decomposition Products
If evaporated to dryness, as in a fire, material may burn, releasing:. Oxides of Carbon. Oxides of Nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available.
Inhalation	May cause irritation of respiratory tract.
Eye contact	May cause slight irritation.
Skin contact	Prolonged contact may lead to irritation and dermatitis.

Ingestion Large amounts may cause irritation, nausea, diarrhea.

PRODUCT COMPOSITION	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene glycol methyl ether 34590-94-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Diethylene glycol ethyl ether 111-90-0	= 1920 mg/kg (Rat)	-	> 5240 mg/m³ (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.
Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 17.3562% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .
ATEmix (oral) 30241 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

17.3562% of the mixture consists of components(s) of unknown hazards to the aquatic environment

PRODUCT COMPOSITION	Algae/aquatic plants	Fish	Crustacea
Dipropylene glycol methyl ether 34590-94-8	-	10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
Diethylene glycol ethyl ether 111-90-0	-	10000: 96 h Lepomis macrochirus mg/L LC50 static 11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through	3940 - 4670: 48 h Daphnia magna mg/L EC50

Persistence and degradability
No information available.

Bioaccumulation
No information available.

PRODUCT COMPOSITION	Partition coefficient
Dipropylene glycol methyl ether 34590-94-8	-0.064
Diethylene glycol ethyl ether 111-90-0	-0.8

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DEPT. OF TRANSPORTATION

Proper shipping name Not Regulated by DOT

TDG

Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
IECSC	Does not Comply
KECL	Complies
PICCS	Does not Comply
AICS	Does not Comply

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

PRODUCT COMPOSITION	SARA 313 - Threshold Values %
Dipropylene glycol methyl ether - 34590-94-8	1.0
Diethylene glycol ethyl ether - 111-90-0	1.0

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	No
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

PRODUCT COMPOSITION	NJRTK:	MARTK:	PARTK:
Dipropylene glycol methyl ether 34590-94-8	Listed	Listed	Listed
Diethylene glycol ethyl ether 111-90-0			Listed

U.S. EPA Label Information
EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA
Health hazards 1
Flammability 0
Instability 0
Physical and Chemical Properties -
HMIS
Health hazards 1
Flammability 0
Physical hazards 0
Personal protection B

Revision Date 01/25/2017
Revision Note
Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

***** END OF SDS *****