

# INO EKO FLOOR FINISH RESTORER



## MATERIAL SAFETY DATA SHEET

### SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR: INO SOLUTIONS  
9280 BOUL DU GOLF, ANJOU, MONTREAL, P.Q. H1J 3A1

EMERGENCY PHONE NUMBER: CANUTEC (613) 996-6666

PRODUCT NAME: INO EKO FLOOR FINISH RESTORER

PRODUCT USE: FLOOR FINISH RESTORER

WHMIS CATEGORY: D2B

PREPARED BY: REGULATORY DEPARTMENT.

PHONE NUMBER OF PREPARER: (905) 825-0850 EXT 250

DATE PREPARED: MAY 1, 2010



### SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
PROPYLENE GLYCOL	10-30	57-55-6	AIHA WEEL 50 ppm TOTAL 10 mg/ m <sup>3</sup> AEROSOL ONLY	ORAL 20 000-34000 mg/ Kg (RAT)  DERMAL 20800 mg/ Kg (RABBIT)	NOT AVAILABLE

### SECTION 03: HAZARDS IDENTIFICATION

#### POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, INHALATION, SKIN, INGESTION

SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION

SKIN ABSORPTION: NOT AVAILABLE

EYE: DIRECT CONTACT WITH PRODUCT MAY CAUSE IRRITATION.

INHALATION: INHALATION OF SPRAY MIST MAY CAUSE IRRITATION TO NOSE, THROAT; POSSIBLE NAUSEA AND DIZZINESS.

INGESTION: MAY CAUSE IRRITATION, NAUSEA, DIARRHEA AND VOMITING. NOT A LIKELY ROUTE OF ENTRY UNDER OCCUPATIONAL USE.

ACUTE OVER EXPOSURE EFFECTS: AS ABOVE

CHRONIC OVER EXPOSURE EFFECTS: NONE KNOWN

### SECTION 04: FIRST AID MEASURES

EYES: FLUSH EYES WITH ABUNDANT WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN TO ENSURE COMPLETE IRRIGATION OF THE ENTIRE EYE CAVITY. GET MEDICAL ATTENTION.

SKIN: RINSE SKIN WITH ABUNDANT WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

INHALATION: REMOVE VICTIM TO FRESH AIR. ASSIST BREATHING AS NEEDED. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

INGESTION: **DO NOT INDUCE VOMITING.** IF VICTIM CONSCIOUS, GIVE 1 - 2 GLASSES OF WATER TO DILUTE STOMACH CONTENTS. **GET MEDICAL ATTENTION.** NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTES TO PHYSICIAN: ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS/SYMPTOMS OF DISTRESS IN THE PATIENT. THE POSSIBILITY OF OVEREXPOSURE TO MATERIALS OTHER THAN THIS PRODUCT SHOULD BE CONSIDERED.

**SECTION 05: FIRE FIGHTING MEASURES**

FLASHPOINT AND METHOD OF DETERMINATION:	NONE (TCC)
UPPER EXPLOSION LIMIT (% BY VOLUME):	NOT APPLICABLE
LOWER EXPLOSION LIMIT (% BY VOLUME):	NOT APPLICABLE
AUTO-IGNITION TEMPERATURE:	NOT AVAILABLE
FLAMMABILITY CLASSIFICATION:	NON-FLAMMABLE
CONDITIONS OF FLAMMABILITY:	NONE. PRODUCT WILL NOT BURN.
MEANS OF EXTINCTION:	AS FOR SURROUNDING FIRE.
SPECIAL FIRE FIGHTING PROCEDURES:	FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE EQUIPMENT AND USE APPROVED SELF CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE RUPTURE. DO NOT SPATTER OR SPLASH PRODUCT. DO NOT ALLOW PRODUCT OR WATER USED IN FIRE FIGHTING TO ENTER OPEN WATER OR SEWERS.
HAZARDOUS COMBUSTION PRODUCTS:	OXIDES OF CARBON AND NITROGEN.
EXPLOSION DATA:	NOT APPLICABLE.
SENSITIVITY TO STATIC DISCHARGE:	NOT SENSITIVE.
SENSITIVITY TO MECHANICAL IMPACT :	NOT SENSITIVE

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK AND SPILL PROCEDURES:	REMOVE UNPROTECTED PERSONNEL AWAY FROM SPILL AREA. CLEANUP PERSONNEL MUST WEAR APPROPRIATE PROTECTIVE EQUIPMENT AS OUTLINED IN PERSONAL PROTECTION SECTION. VENTILATE AREA. CAUTION: SPILL AREA MAY BE SLIPPERY.
SMALL SPILLS:	MOP UP AND PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. FLUSH AREA WITH WATER.
LARGE SPILLS:	DIKE SPILL. DO NOT ALLOW SPILL TO ENTER OPEN WATERWAYS OR SEWERS. RECLAIM ALL MATERIAL POSSIBLE. ABSORB REMAINDER WITH INERT MATERIAL AND PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. FLUSH RESIDUE WITH WATER.

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES AND EQUIPMENT:	AVOID CONTACT WITH EYES, SKIN OR CLOTHING. DO NOT GENERATE/ BREATHE MISTS. WASH SKIN THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT CONTAMINATE FOOD, WATER OR ANIMAL FEED DURING USE OR STORAGE OF THIS PRODUCT. READ AND FOLLOW LABEL INSTRUCTIONS.
STORAGE REQUIREMENTS:	KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN A COOL WELL VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN.

**SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

EYE PROTECTION:	WEAR CHEMICAL SAFETY GLASSES.
RESPIRATORY PROTECTION:	NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF MIST IN AIR CAUSES IRRITATION OR TLV IS EXCEEDED.
GLOVES:	WEAR RUBBER OR PLASTIC GLOVES.
OTHER PROTECTIVE EQUIPMENT:	AS NEEDED TO PREVENT ALL CONTACT WITH PRODUCT.
SPECIFIC ENGINEERING CONTROLS:	NONE NORMALLY REQUIRED. USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST AS NEEDED IF MIST IN THE AIR.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	LIQUID
ODOUR AND APPEARANCE:	SLIGHT DETERGENT ODOUR, CLEAR COLOURLESS LIQUID
ODOUR THRESHOLD:	NOT AVAILABLE
SPECIFIC GRAVITY:	0.995-1.035
VAPOUR PRESSURE :	NOT AVAILABLE
VAPOUR DENSITY (AIR=1):	NOT AVAILABLE
VOC CONTENT (%):	21.5-23 ( ARB 310)
EVAPORATION RATE;	(BuAC = 1 ) 1.26
BOILING POINT;	100 ° C ( 212 ° F )
PH:	7-8
FREEZING POINT:	APPROX. -12.8 ° C ( 9 ° F)
DENSITY (g/ ml):	0.995-1.035
COEFFICIENT OF WATER/OIL DISTRIBUTION:	COMPLETELY WATER SOLUBLE

**SECTION 10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY:	STABLE UNDER NORMAL USE AND STORAGE
INCOMPATIBLE MATERIALS:	NONE
CONDITIONS OF REACTIVITY:	NONE
HAZARDOUS DECOMPOSITION PRODUCTS:	OXIDES OF CARBON AND NITROGEN

**SECTION 11: TOXICOLOGICAL INFORMATION**

IRRITANCY OF PRODUCT:	MILD IRRITANT
SENSITIZATION TO MATERIAL:	PROPYLENE GLYCOL IS NOT AN OCCUPATIONAL SKIN SENSITIZER. ALTHOUGH RARE, PROPYLENE GLYCOL COMPONENT MAY CAUSE AN ALLERGIC SKIN REACTION IN SENSITIVE INDIVIDUALS.
CARCINOGENICITY,;	NO KNOWN CARCINOGENS LISTED BY OSHA, IARC OR NTP.
REPRODUCTIVE EFFECTS:	NO KNOWN REPRODUCTIVE EFFECTS. PRODUCT IS NOT FORMULATED /MANUFACTURED WITH ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE REPRODUCTIVE OR DEVELOPMENT TOXICITY.
TERATOGENICITY:	NOT AVAILABLE
MUTAGENICITY:	PRODUCT IS NOT FORMULATED/MANUFACTURED WITH ANY CHEMICALS IDENTIFIED FOR PRIORITY FOR RESEARCH AS ENDOCRINE DISRUPTORS BY THE EUROPEAN UNION.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	NOT AVAILABLE
OTHER INFORMATION:	PRODUCT LD50 ORAL (CALCULATED) : 66211 mg/ Kg

**SECTION 12: ECOLOGICAL INFORMATION**

INO EKO FLOOR FINISH RESTORER HAS BEEN TESTED FOR THE FOLLOWING ECOLOGICAL INFORMATION.

AQUATIC TOXICITY:	
INVERTEBRATES:	LC50, DAPHNIA, CALCULATED: 5393 mg/ L
BIODEGRADABILITY:	BOD 5 DAY 84% OECD 301D

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## SECTION 13: DISPOSAL CONSIDERATIONS

IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

## SECTION 14: TRANSPORT INFORMATION

TDG	NOT REGULATED UNDER TDG
ADDITIONAL INFORMATION:	NOT AVAILABLE
MARINE POLLUTANT:	NO

## SECTION 15: REGULATORY INFORMATION

DSL STATUS:	LISTED
HMIS CLASSIFICATION (H, F, R, PE):	1,0,0,B
WHMIS CLASSIFICATION:	D2B

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR ( CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

## SECTION 16: OTHER INFORMATION

DISCLAIMER: THIS INFORMATION WAS COMPILED FROM CURRENT, RELIABLE SOURCES AND IS BELIEVED TO BE CORRECT. AS DATA AND/ OR REGULATIONS CHANGE, AND CONDITIONS OF USE ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.