



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT **INM Brush Cleaner**

MSDS DATE: 08/05/04

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INM BRUSH CLEANER

PRODUCT CODES: INMBC

MANUFACTURER: International Nail Manufacturers (inm)
DIVISION: Division of Nail Cartel, Inc.
ADDRESS: 1221 N. Lakeview Ave.
Anaheim, CA 92807

EMERGENCY PHONE: INFOTRAK: 1-800-535-5053
International: 1-352-323-3500

OTHER CALLS: 1-800-541-9838

FAX PHONE: 1-714-779-9971

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1-714-779-9892

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS Numbers	INCI Name	Exposure Limits		Carcinogen IARC/NTP/ OSHA	%
			OSHA TWA/STEL	ACGIH TWA/STEL		
Ethyl Acetate	141-78-6	Ethyl Acetate	400 ppm	400 ppm	Not Listed	60
Isopropyl Alcohol	67-63-0	Isopropyl Alcohol	400 ppm	400 ppm	3/none/none	10
Butyl Acetate	123-86-4	Butyl Acetate	150 ppm	150 ppm	Not Listed	20
Methyl Ethyl Ketone	78-93-3	Methyl Ethyl Ketone	200 ppm	200 ppm	Not Listed	5
Ethanol	64-17-5	Ethanol	1000 ppm	1000 ppm	Not Listed	5
N/E = None Established	N/DA = No Data Available					
N/R = Not Reviewed	N/A = Not Applicable					

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- May cause eye irritation.
- Flammable liquid and vapor.
- May cause skin irritation.
- Avoid prolonged or repeated breathing of gases, vapors or mist.



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Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Inhalation, skin and ingestion.

Eye: Liquid contact with eyes can cause irritation and possible corneal damage.

Skin: Repeated or prolonged exposure may cause drying of skin. Symptoms include redness, burning, drying, cracking and skin burns.

Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.

Inhalation: Vapors are irritating to nasal passages and throat and may cause stupor or headache. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects: Significant exposure to this chemical may adversely affect people with chronic disease or may cause damage to the respiratory system, skin and eyes.

NOTE: Refer to Section, 11 Toxicological Information for Details.

SECTION 4: FIRST AID MEASURES

First Aid for Eyes: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

First Aid for Skin: Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists.

First Aid for Inhalation: Remove to fresh air. If having breathing difficulty, give oxygen. If breathing has stopped, give artificial respiration. Seek medical help if discomfort persists.

First Aid for Ingestion: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

SECTION 5: FIRE-FIGHTING MEASURES

<i>Flash Point (°F/ °C)</i>	<i>Flammable Limit (vol%)</i>	<i>Auto-Ignition Temperature</i>
68°F	LEL: 2 %; UEL: 11.4 %	N/DA

Method:

Extinguishing Media: Use CO2 or dry chemical for small fires or alcohol type aqueous film forming foam.

Fire Fighting Instructions: If potential for exposure to vapors or products of combustion, wear complete personal protective equipment including self contained breathing apparatus, with full face operated in pressure demand. Fight fire from a safe distance/ protected location.

Unusual Hazards: Flammable. When exposed to heat and flame, material is a fire explosion hazard. Vapor is heavier than air and can travel considerable distance to source of ignition and flash back. Material creates a special hazard if it floats on water.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Evacuate area and eliminate all possible sources of ignition. Use self-contained breathing apparatus and protective clothing. Dike and absorb with inert materials (sand, soda, ash vermiculite, etc.) and then transfer to proper containers for disposal, using non-sparking tools. Keep spills out of sewers and open bodies of water. Remove saturated clothing and wash affected areas with soap and water.

SECTION 7: HANDLING AND STORAGE

HANDLING: Closed containers exposed to temperature above (120°F) in transit or storage may develop vapor pressure. Open containers slowly. Ground all metal containers when transferring material. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking.

STORAGE: Store in cool, well ventilated area away from heat, sparks, and flame. Keep containers closed when not in use.

EXPLOSION HAZARD: Flammable liquid. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

PERSONAL PROTECTIVE EQUIPMENT

GENERAL: Use complete protective equipment, as specified below. Provide eye wash stations and showers.

EYE/ FACE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses.

SKIN PROTECTION: Wear chemical resistant neoprene or rubber gloves.

RESPIRATORY PROTECTION: Use self contained breathing apparatus when needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance</i>	<i>Odor & Odor Threshold</i>	<i>- pH</i>	<i>Specific Gravity</i>	<i>Viscosity</i>	<i>% Volatile</i>
Clear, colorless, mobile liquid.	Fruity, pungent mixed odor.	N/A	(H ₂ O = 1):	N/A	W/W %: 99+

<i>Boiling Point/ Freezing Point</i>	<i>Decomposition Temperature</i>	<i>Octanol/ Vapor Partitioning Coefficient</i>	<i>Vapor Pressure:</i>	<i>Vapor Density:</i>	<i>Evaporation Rate:</i>	<i>Ignition:</i>	<i>Solubility In Water:</i>
77°C	N/DA	N/DA	73 mm Hg @ 20° C	(Air = 1): 3.0	(Butyl Acetate = 1): 4.5	N/A	8.7 %



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SECTION 10: STABILITY AND REACTIVITY

<i>Stability:</i>	<i>Incompatibility:</i>	<i>Hazardous Decomposition Products:</i>	<i>Hazardous Polymerization:</i>	<i>Conditions to Avoid:</i>
Stable	Oxidizing Agent i.e., Hydrogen peroxide, Nitric Acid, Perchloric Acid, Chromium Trioxide.	Carbon Monoxide	Will not occur	Heat, sparks, flame.

SECTION 11: TOXICOLOGICAL INFORMATION

<i>Acute Oral Toxicity</i>	<i>Acute Dermal Toxicity</i>	<i>Acute Inhalation Toxicity</i>	<i>Irritation- Skin</i>	<i>Irritation- Eye</i>
Mouse: LD50 = 4100 mg	N/DA	Mouse: LC50 = 45 gm/m ³ /2H	Rabbit LD 50 = > 20 gm/kg	N/DA

<i>Sensitization</i>	<i>Mutagenicity</i>	<i>Sub-Chronic Toxicity</i>
N/DA	Hamster fibroblast 9g/L sex chromosome Loss/ Non-disjunction: S. cerevisiae 24400 ppm	N/DA

SECTION 12: ECOLOGICAL INFORMATION

<i>Acute Toxicity to Fish</i>	<i>Acute Toxicity to Invertebrates</i>	<i>Acute Toxicity to Algae</i>	<i>Biocentrations</i>	<i>Toxicity to Sewage Bacteria</i>
Fathead Minnow: 230 mg/L 96 Hdaphid LC50 = 2500 mg/L/96H	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information:

<i>Biodegradability</i>	May evaporate at a moderate extent in both soil and water. Half-life of 1 day in water.
<i>Chemical Oxygen Demand</i>	N/DA

SECTION 13: DISPOSAL CONSIDERATIONS

All notification, clean up and disposal should be carried out in accordance with Federal, State and Local government regulations. Mix with compatible chemical which is less flammable and incinerate.

SECTION 14: TRANSPORT INFORMATION

DOT/ UN Shipping Name: UN 1993; Flammable liquid, n.o.s. Class 3, PG II

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

Clean Air Act: HAP/ ODS	This product contains no ozone depleting substances. It does however contain the following HAP's: Methyl Ethyl Ketone CAS #78-93-3.
Clean Water Act: Priority Pollutant	The following ingredients are listed as hazardous pollutants under the CWA: n-butyl acetate CAS #123-86-4 (HS).
FDA: Food Packaging Status	This product has not been created by the FDA for use in food packaging and/ or other applications as an indirect food packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none">Immediate (acute) health hazard.



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	<ul style="list-style-type: none"> Fire hazard.
SARA Title III: Section 302	This product contains the following chemicals regulated under SARA 302: None.
SARA Title III: Section 304	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): Ethyl Acetate CAS # 141-78-6 RQ (Lbs) 5000 N-butyl acetate CAS # 123-86-4 RQ (Lbs) 5000; and Methyl Ethyl Ketone CAS # 78-93-3 RQ (Lbs) 5000.
SARA Title III: Section 311-312	<p>This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are:</p> <ul style="list-style-type: none"> Immediate (acute) health hazard. Fire hazard.
SARA Title III: Section 313	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Isopropyl Alcohol CAS: 67-63-0, Methyl Ethyl Ketone CAS: 78-93-3.
TSCA Section 8(b): Inventory	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). Ethyl Acetate CAS #141-78-6 RCRA Code U112, Methyl Ethyl Ketone CAS #78-93-3 RCRA Code: U159.

State Regulations:

CA Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
MA Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
NJ Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
PA Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
FL Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
MN Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.

International Regulations:

CDSL: Canadian Inventory (on Canadian Transitional List)	<p>Ethyl Acetate CAS 141-78-6 is on the DSL list. WHMIS = B2, D2B.</p> <p>Methyl Ethyl Ketone CAS 78-93-3 is on the DSL list. WHMIS = B2, D2A.</p> <p>Ethanol CAS 64-17-5 is on the DSL list. WHMIS = B2, D2A.</p> <p>Isopropyl Alcohol CAS 67-63-0 is on the DSL list. WHMIS = B2, D2B.</p> <p>n-Butyl Acetate CAS 123-86-4 is on the DSL list. WHMIS = B2, D1B, D2B.</p>
EINECS: European Inventory:	<p>Isopropyl Alcohol (200-661-7)</p> <ul style="list-style-type: none"> Hazard Symbol (F), R Values (R11), S Values (S7, S16) <p>MEK (201-159-0)</p> <ul style="list-style-type: none"> Hazard Symbol (XI F), R Values (R11, R 36, R 66, R 67), S Values (S9, S16) <p>Ethyl Acetate (205-500-4)</p> <ul style="list-style-type: none"> Hazard Symbol (XI F), R Values (R11, R 36, R66, R67), S Values (S16, S26, S33)



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SECTION 16: OTHER INFORMATION

Hazard Rating System:

NFPA: Health = 2/ Flammability = 3/ Reactivity = 0

HMIS: Health = 2/ Flammability = 3/ Reactivity = 0

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