MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT **INM Non Acetone Polish Remover** **MSDS DATE: 08/15/2019**

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	**Non Acetone Polish Remover**
PRODUCT CODES:	**INMNAR**
MANUFACTURER:	**International Nail Manufacturers**
	Division of Nail Cartel, Inc.
ADDRESS:	**1221 N. Lakeview Ave.**
	Anaheim, CA 92807
EMERGENCY PHONE:	**INFOTRAK: 1-800-535-5053**
OTHER CALLS:	**1-800-541-9838**
FAX PHONE:	**1-714-779-9971**
PREPARED BY:	**Steven Tate, Production Manager**
	1-714-779-9892

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NUMBER	%(by weight)
METHYL ETHYL KETONE	78-93-3	100.0

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

SKIN: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, burns and other skin damage. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

SWALLOWING: Swallowing small amounts of this material 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. This results in lung inflammation and other lung injury.

INHALATION: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits (see section 8).

SYMPTOMS OF EXPOSURE: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

TARGET ORGAN EFFECTS: Based on animal studies, exposure to methyl ethyl ketone (MEK) increases the onset of

peripheral neuropathy caused by exposure to methyl butyl ketone (MBK), and/or n-hexane, and/or ethyl butyl ketone. MEK alone has not been shown to cause peripheral neuropath. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects.

DEVELOPMENTAL INFORMATION: This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. The relevance of these findings to humans is uncertain.

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CANCER INFORMATION: Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

OTHER HEALTH EFFECTS: No data

PRIMARY ROUT(S) OF ENTRY: Inhalation, Skin absorption, skin contact, Eye contact.

SECTION 4: FIRST AID MEASURES

EYES: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

SKIN: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

SWALLOWING: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

INHALATION: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (see section 3 – swallowing) when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin lung (for example, asthma-like conditions).

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: 23.0 F (-5.0 C) TCC

EXPLOSIVE LIMIT: (for product) LOWER 2.0 UPPER 11.5

AUTOIGNITION TEMPERATURE: 759.0 F (403.8 C)

HAZARDOUS PRODUCTS OF COMBUSTION: May form: carbon dioxide and carbon monoxide.

FIRE AND EXPLSION HAZARDS: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

EXTINGUISHING MEDIA: Reguar foam, carbon dioxide, dry chemical.

FIRE FIGHTING INSTRUCTIONS: Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating: Health – 1 Flammability – 3, Reactivity – 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

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SMALL SPILL: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

LARGE SPILL: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

SECTION 7: HANDLING AND STORAGE

HANDLING: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "auto ignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

SKIN PRTECTION: Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots…

RESPIRATORY PROTECTIONS: If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

ENGINEERING CONTROLS: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure Below TLV(s).

EXPOSURE GUIDELINES
Component

METHYL ETHYL KETONE (78-93-3)
OSHA PEL 200.000 ppm –TWA
OSHA VPEL 200.000 ppm-TWA
OSHA VPEL 300.000 ppm- STEL
ACGIH TLV 200.000 ppm – TWA
ACGIH TLV 300.000 ppm – STEL

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT
(for product) 175.0 F (79.4 C) @ 760 mmHg

VAPOR PRESSURE
(for product) 78.000 mmHg @ 68.00 F

SPECIFIC VAPOR DENSITY
2.500 @ AIR=1

SPECIFIC GRAVITY
.806 @ 68.00 F

LIQUID DENSITY
6.710 lbs/gal @ 68.00 F
.806 kg/l @ 20.00 C

PERCENT VOLATILES
100.0 %

VOLATILE ORGANIC COMPOUNDS (VOC)
100.000 %
807.000g/l
6.710 lbs/gal

EVAPORATION RATE
5.70 (N-BUTYL ACETATE)

APPEARANCE
CLEAR, COLORLESS, MOBILE LIQUID

STATE
LIQUID

PHYSICAL FORM
NEAT

COLOR
CLEAR, APHA COLOR 10 MAX

ODOR
STRONG CHARACTERISTC “KETONE”

pH
NO DATA

VISCOSITY
-123.0 F (-86.1 C)

MOLECULAR WEIGHT
72.0

SOLUBILITY IN WATER
26.8% @ 20.0 C

OCTANOL/WATER PARTITION COEFFICIENT
1.720

BULK DENSITY
.900 lbs/ft3

SECTION 10: STABILITY AND REACTIVITY

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HAZARDOUS POLYMERIZATION
Product will not undergo hazardous polymerization

HAZARDOUS DECOMPOSITION
May form: carbon dioxide and carbon monoxide.

CHEMICAL STABILITY
Stable.

INCOMPATIBILITY
Avoid contact with: strong oxidizing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

No data

SECTION 12: ECOLOGICAL INFORMATION

No data

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT INFORMATION:
Destroy by incineration in accordance with applicable regulations. For assistance with your waste management needs – including disposal., recycling and waste stream reduction, contact as********

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION – 49 CFR 172.101
DOT DESCRIPTION:
METHYL ETHYL KETONE, 3, UN1193, II

CONTAINER/MODE:
55 GAL DRUM/TRUCK PACKAGE

NOS COMPONENT:
NONE

RQ (REPORTABLE QUANTITY) – 49 CFR 172.101

PRODUCT QUANTITY (lbs)	COMPONENT
5000	METHYL ETHYL KETONE

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): STATUS
TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): RQ – 40 CFR 302.4(a)

COMPONENT	RQ(lbs)
METHYL ETHYL KETONE	5000

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): 302 COMPONENTS – 40 CFR 355 APP. A
NONE

SECTION 311-312 HAZARD CLASS – 40 CFR 370.2

X immediate	**X delayed**	**X fire**	**reactive**	**sudden release of pressure**

313 REPORTABLE INGREDIENTS: 40 CFR 372.65

SECTION 313 COMPONENT(S)	CAS NUMBER	%
METHYL ETHYL KETONE	78-93-3	100.00

OSHA Process Safety Management 29 CFR 1910

None Listed

EPA ACCIDENTAL RELEASE PREVENTION 40 CFR 68
None Listed

STATE AND LOCAL REGULATIONS:
California Proposition 65

New Jersey RTK Label Information

Methyl Ethyl Ketone	78-93-3

Pennsylvania RTK Label Information

2-Butanone	78-93-3

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company Or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.