

NCP® JINX INK® DF™
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

NAME OF PRODUCT: NCP® JINX INK® DF™ **CHEMICAL FAMILY:** Ester Ether Family
PRODUCT USE: Ink Remover for Delicate Fabrics **PREPARATION DATE:** January 1, 2006
MANUFACTURER'S NAME AND ADDRESS: NEUHAUS CHEMICAL PRODUCTS, INC.
5727 MOBUD
SAN ANTONIO, TEXAS, USA 78238-1820
(210) 684-2411 TELEPHONE (210) 684-2433 FAX

EMERGENCY TELEPHONE NUMBER: INFOTRAC 1-800-535-5053 (USA AND CANADA)

SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS

| <u>MATERIAL/COMPONENTS</u> | <u>CAS #</u> | <u>CAS NAME</u> | <u>TLV UNITS</u> | <u>APPROXIMATE %</u> |
|----------------------------|--------------|-----------------|------------------|----------------------|
| None | None | None | None | None |

NCP® JINX INK® DF™ is a proprietary mixture of ingredients, and considered non-hazardous. This product is not considered to be a carcinogen.

This product does not contain materials which the state of California has found to cause cancer, birth defects, or other reproductive harm. There are no components present at a level which could require reporting under the statues of Massachusetts or Pennsylvania.

SECTION III - HAZARDS IDENTIFICATION

EXPOSURE LIMITS: OSHA PEL: NONE ACGIH TLV-TWA: NONE OTHER LIMITS RECOMMENDED: NONE

*****EFFECTS OF OVEREXPOSURE*****

INHALATION: Inhaling high concentrations of vapors may cause dizziness or headache.

SKIN CONTACT: Brief contact is not irritating; however, prolonged skin contact may cause irritation.

EYE CONTACT: Contact with eyes may cause irritation and stinging sensation.

INGESTION: Swallowing the product may affect the central nervous system, causing nausea, dizziness, slurred speech, loss of coordination, and mental confusion. The severity of the symptoms depend on the amount ingested.

DELAYED EFFECTS: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin contact may aggravate existing dermatitis. Inhalation of high concentrations of product may aggravate asthma.

CHRONIC EFFECTS: Prolonged skin contact may cause dermatitis.

CARCINOGENICITY: No ingredient listed by IARC or ACGIH.

TERATOGENICITY, MUTAGENICITY, OTHER REPRODUCTIVE EFFECTS: None known.

SENSITIZATION TO MATERIAL: Product is not known to cause allergies.

SYNERGISTIC MATERIALS: If you are exposed to other organic solvents at the same time that you use this product, effects can be worsened.

SECTION IV - FIRST AID MEASURES

INHALATION: If symptoms of overexposure develop, remove person to fresh air. Call a doctor if symptoms do not improve.

SKIN CONTACT: If material remains on your skin for a long time, or if it spills on clothing and skin, wash the skin with soap and water, and remove contaminated clothing. Wash clothing before you wear it again.

EYE CONTACT: If person is wearing contact lenses, remove them. Flush eyes with running water for 15 minutes while holding eyelids open with fingers. If pain, irritation, or vision problems persist, see a doctor immediately.

INGESTION: If someone has swallowed this product, check to see if the person is conscious. If conscious, give the person two (2) glasses of water, and induce vomiting. Get medical attention immediately. If person is unconscious, do not give anything by mouth. Get medical attention immediately.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): 148°F (64.4°C) (CLEVELAND OPEN CUP) (D92)
UPPER FLAMMABLE LIMIT (% BY VOLUME): 8.5
LOWER FLAMMABLE LIMIT (% BY VOLUME): 1.3
EXTINGUISHING MEDIA: Fires can be extinguished with carbon dioxide (CO₂), or dry chemical extinguishers.
SPECIAL FIRE FIGHTING PROCEDURES: Do not use water. Smother to exclude air. Handle as an oil fire. Use Class B fire procedures. In large fires, fire fighters should wear breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS: Flammable vapor. Vapors from this product may travel along the ground for some distance and can be ignited by heat, pilot lights, etc., and flash back to the source of vapors.
SENSITIVITY TO MECHANICAL IMPACT & STATIC DISCHARGE: Not susceptible to mechanical impact. However, vapors may explode if exposed to static discharge.
AUTO-IGNITION TEMPERATURE: Not Available.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL, LEAK OR RELEASE: Extinguish all ignition sources. **FOR SMALL SPILLS OR DRIPS:** Wipe liquid up, or absorb with non-combustible absorbent, such as clay or vermiculite. Place absorbent in a metal container with a tight lid for disposal.
FOR LARGE SPILLS: Absorb liquid with a non-combustible absorbent. Scoop up absorbent and liquid, and place in a metal container with a tight lid for disposal.
WASTE DISPOSAL: Dispose of waste according to the federal, provincial, and local regulations that apply in your location. Treat waste as flammable material, even when absorbed in rags or absorbent.

SECTION VII - HANDLING AND STORAGE

HANDLING PROCEDURE AND EQUIPMENT: Keep away from heat, sparks, and open flames. Avoid eye or prolonged skin contact. Treat all chemicals with caution and respect, and always use only as directed.
STORAGE REQUIREMENTS: Store in a cool, dry area.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: None normally needed. For exposure to very high concentrations, wear a NIOSH approved full-face piece respirator with vapor cartridges.
EYE PROTECTION: Face shield is not needed for normal use; however, safety glasses with side shields or safety goggles are recommended.
SKIN PROTECTION: None needed in normal use. To protect sensitive or damaged skin, wear neoprene gloves.
OTHER PROTECTIVE EQUIPMENT OR CLOTHING: None needed in normal use. Provide eye bath in case of accidental contact.
ENGINEERING CONTROLS: Normal room ventilation is sufficient for normal conditions of use. For high concentrations of vapors, provide general and/or local exhaust ventilation to control exposure.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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|--|---|
| APPEARANCE: Amber liquid | MELTING POINT: -100°F (-73°C) |
| COLOR: Amber | BOILING POINT (760 mm Hg): 254°F (123.3°C) |
| STATE: Liquid | FLASH POINT: 148°F (64.4°C) (CLEVELAND OPEN CUP) (D92) |
| ODOR CHARACTERISTICS: Citrus odor | FREEZING POINT: -100°F (-73°C) |
| pH: 7.0 - 7.5 | PERCENT VOLATILITY: Not Available |
| VISCOSITY: Not Available | EVAPORATION RATE (BAc = 1.0 @ 120°F): Not Available |
| SPECIFIC GRAVITY (WATER = 1.0 @ 68° F): 0.962 | SOLUBILITY IN WATER (w/w) @ 70°F: Complete |
| VAPOR DENSITY (AIR = 1.0 @ 75°F): Not Available | COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available |
| VAPOR PRESSURE (mm Hg @ 100°F): 6.0 | SOLUBILITY IN ACETONE: Not Available |

SECTION X - STABILITY AND REACTIVITY

STABILITY: Stable. Hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS: Incompatible with acidic agents, strong alkalis, strong oxidizing agents, and strong bases.

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CONDITIONS OF REACTIVITY: Product may decompose if exposed to heat, sparks, and open flames.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: When this product burns, it may form ammonia, carbon dioxide, carbon monoxide, hydrogen sulfide, nitrogen oxides and sulfur oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Heat, sparks, and open flames.

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE DATA: None known.

REPRODUCTIVE/TERATOLOGY DATA: None known.

SECTION XII - ECOLOGICAL INFORMATION

FATE IN THE ENVIRONMENT: None known.

SECTION XIII - DISPOSAL CONSIDERATIONS

PROCEDURES: For small spills or drips, mop or wipe up and dispose of in DOT approved container. For large spills, absorb with non-combustible material and place residue in DOT approved waste container. All disposal practices must be in compliance with all Federal, State/Provincial and Local laws and regulations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. For unused & uncontaminated product, the preferred method is to send to a licensed waste management company for disposal.

SECTION XIV - TRANSPORT INFORMATION

DOT CLASSIFICATION: 48580 Sub. 3 Class 55 (COMPOUNDS, CLEANING, LIQUID) Non-Hazardous. Non-Restricted.

As stated in 49 CFR, 173.150 (B) (F): This product is shipped in: Limited Quantities and does not have to be labeled as combustible.

WARNING LABELS: None needed as per: 49 CFR, 173.150 (B) (F).

SECTION XV - REGULATORY INFORMATION

WORKPLACE CLASSIFICATION: Not Regulated

SECTION XVI - OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION RATINGS:

HEALTH: 1- Slightly Hazardous **FIRE:** 2 - Flash Point: Below 200°F (93.3°C) **REACTIVITY:** 0 - Stable **SPECIFIC:** None