

NCP® JINX INK® DF™
MATERIAL SAFETY DATA SHEET

SECTION I - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>%</u>	<u>LC₅₀ ppm</u> <u>(INHALATION, RAT)</u>	<u>LD₅₀ mg/kg</u> <u>(ORAL, RAT)</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.

SECTION II - PREPARATION INFORMATION

PREPARED BY: NEUHAUS CHEMICAL PRODUCTS, INC.
TELEPHONE NUMBER: (210) 684-2411
PREPARATION DATE: 01 January 2006

SECTION III - PRODUCTION INFORMATION

PRODUCT IDENTIFIER: NCP® JINX INK® DF™ **PRODUCT USE:** Ink Remover for Delicate Fabrics
MANUFACTURER'S NAME AND ADDRESS: NEUHAUS CHEMICAL PRODUCTS, INC.
5727 MOBUD
SAN ANTONIO, TEXAS USA 78238

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

WHMIS CLASSIFICATION: Combustible Liquid, B3; Other Toxic Effects: D2B (May cause skin/eye irritation).

SECTION IV - PHYSICAL DATA

PHYSICAL STATE: Amber Liquid	EVAPORATION RATE (BAc = 1.0 @ 48.9°C): Not Available
ODOUR AND APPEARANCE: Citrus odor, Amber Liquid	BOILING POINT (760 mm Hg): 123.3°C (254°F)
ODOUR THRESHOLD: Not Available	FREEZING POINT: -73°C (-100°F)
SPECIFIC GRAVITY (WATER = 1.0 @ 20°C): 0.962	pH: 7.0 - 7.5
VAPOUR PRESSURE (mm Hg @ 37.8°C): 6.0	COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available
VAPOUR DENSITY (Air = 1.0 @ 23.9°C): Not Available	

SECTION V - FIRE OR EXPLOSION HAZARD

CONDITIONS OF FLAMMABILITY: 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.

MEANS OF EXTINCTION: Fires can be extinguished with carbon dioxide (CO₂), or dry chemical extinguishers.

FLASH POINT (METHOD): 64.4°C (148°F) (CLEVELAND OPEN CUP) (D92)

UPPER FLAMMABLE LIMITS (% BY VOLUME): 8.5

LOWER FLAMMABLE LIMITS (% BY VOLUME): 1.3

AUTO-IGNITION TEMPERATURE: Not Available

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

EXPLOSION DATA, SENSITIVITY TO MECHANICAL IMPACT: Not susceptible to mechanical impact.

EXPLOSION DATA, SENSITIVITY TO STATIC DISCHARGE: Vapors may explode if exposed to static discharge.

SECTION VI - REACTIVITY DATA

STABILITY: Stable. Hazardous polymerization will not occur.

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

INCOMPATIBLE MATERIALS: Incompatible with acidic agents, strong alkalis, strong oxidizing agents, and strong bases.

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

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

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SECTION VII - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY: Inhalation, skin contact, eye contact, ingestion.

HEALTH DANGERS: None known.

EFFECTS OF ACUTE EXPOSURE:

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.

EFFECTS OR CHRONIC EXPOSURE TO PRODUCT: Prolonged skin contact may cause dermatitis.

EXPOSURE LIMITS: ACGIH TLV-TWA: None **ACGIH STEL:** None

IRRITANCY OF PRODUCT: None known.

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

CARCINOGENICITY: This chemical is not considered a carcinogen. No ingredient listed by IARC or ACGIH.

REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY EFFECTS: None known

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

SECTION VIII - PREVENTATIVE MEASURES

*****PERSONAL PROTECTIVE EQUIPMENT*****

RESPIRATORY PROTECTION: None normally needed. For exposure to very high vapor concentrations, wear a NIOSH-approved full-facepiece respirator with vapor cartridges.

SKIN PROTECTION: None needed in normal use. To protect sensitive or damaged skin, wear neoprene gloves.

EYE PROTECTION: Face shield is not needed for normal use; however, safety glasses with side shields or safety goggles are recommended.

OTHER PROTECTIVE EQUIPMENT: 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.

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.

*****STORAGE AND HANDLING*****

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.

SPECIAL SHIPPING INFORMATION: Ship under TDG Regulations as: COMBUSTIBLE LIQUIDS, N.O.S., Class 3, NA1993, Packing Group III.

SECTION IX - 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.

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ADDITIONAL NOTES OR REFERENCES:

ABBREVIATIONS:

OSHA:	Occupational Safety & Health Administration
PEL:	Permissible Exposure Limit
ACGIH:	American Conference of Governmental Industrial Hygienists.
TLV-TWA:	Threshold Limit Value, Time Weighted Average
IARC:	International Agency for Research on Cancer
TDG:	Transportation of dangerous goods
WHMIS:	Workplace Hazardous Materials Information System

REFERENCES:

1. Van Nostrand Reinhold, Dangerous Properties of Industrial Materials, Seventh Edition, N. Irving Sax.
2. Canadian Centre for Occupational Health and Safety. RTECS (Registry of Toxic Effects) and CHEMINFO databases.
3. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1990-91.
4. International Agency for Research on Cancer Monographs, Supplement 7, 1988.