

NCP® JINX INK® DF SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NCP® JINX INK® DF

CHEMICAL FAMILY: Ester Ether Family

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

IDENTIFIED USES: Removes Ball Point Pen Ink Stains, Stamp Pad, Writing, Marking, Duplicating, Felt-Tip, Colored Art Inks, and Toner from garments, material and carpets.

ALSO REMOVES: Fingernail Polish, Adhesives, Glue, Lacquers, Paste Shoe Polish, Gum, and Fabric Chalk.

COMPANY IDENTIFICATION:

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 2 - HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

GLOBALLY HARMONIZED SYSTEM CLASSIFICATION:

Combustible Liquid – Category 4 (Flash point > 60°C (140°F) and ≤ 93°C (199.4°F).
Eye irritation – Category 2B (Mild Irritant – Reversible in 7 days).
Skin irritation – Category 3 (Mild Irritant – Causes mild skin irritation).

GLOBAL HARMONIZED SYSTEM CLASSIFICATION SCALE: (1 = severe hazard, 4 = slight hazard).

LABEL ELEMENTS:

HAZARD PICTOGRAMS: NO SYMBOL

SIGNAL WORD: Warning

HAZARD STATEMENTS:

Combustible Liquid. Causes eye irritation. Causes mild skin irritation.

PRECAUTIONARY STATEMENTS:

PREVENTION:

Keep away from flames and hot surfaces. No smoking.
Store in a cool, well-ventilated place.
Wash hands thoroughly after handling.
Take precautionary measures against static discharge.
Keep out of the reach of children.

RESPONSE:

IF INHALED: If symptoms of over-exposure develop, move person to fresh air and keep comfortable for breathing. Call a physician if symptoms do not improve.

IF ON SKIN (OR HAIR): Remove immediately all contaminated clothing. Rinse skin with water / shower. Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing for 15 minutes. If eye irritation persists, get medical advice / attention.

IF SWALLOWED: Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.

IN CASE OF FIRE: Use dry chemical fire extinguishers, carbon dioxide (CO₂), or alcohol-resistant foam for extinction.

DISPOSAL: Dispose of contents and container in accordance with local / regional / national / international regulations.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SYNONYMS: Esther Ether Family.

This product is a mixture.

<u>MATERIAL/COMPONENTS</u>	<u>CAS #</u>	<u>CAS NAME</u>	<u>APPROXIMATE %</u>
NONE	NONE	NONE	NONE

As per paragraph (i) 29 CFR 1910.1200, the formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition has been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i). This product is considered non-hazardous and non-restricted. This product is not considered to be a carcinogen.

SECTION 4 - FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES:

GENERAL ADVICE: If exposed or concerned: Consult a physician / doctor if necessary.

INHALATION: If symptoms of overexposure develop, move person to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms do not improve.

SKIN CONTACT: Rinse skin with water / shower. If spilled on clothing, remove all contaminated clothing immediately. Wash contaminated clothing before reuse.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing for 15 minutes. If pain, irritation, or vision problems persist, see an ophthalmologist immediately. Suitable emergency eye wash facility should be immediately available.

INGESTION: If swallowed, Do NOT induce vomiting unless directed to do so by medical personnel. If person is unconscious, do NOT give anything by mouth. Get medical attention immediately.

MOST IMPORTANT SYMPTOMS / EFFECTS, BOTH ACUTE AND DELAYED:

Aside from the information found under "Description of First Aid Measures" (above) and "Indication of Immediate Medical Attention and Special Treatment Needed" (below), any additional important symptoms and effects are described in Section 11: "Toxicology Information".

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

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.

SECTION 5 - FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use dry chemical fire extinguishers, carbon dioxide (CO₂), or alcohol-resistant foam (ATC type) fire extinguishers for extinction. Can use water fog or fine spray.

UNSUITABLE EXTINGUISHING MEDIA: Do not use solid water stream. Straight or direct water streams may not be effective to extinguish fire.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

HAZARDOUS COMBUSTION PRODUCTS: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide (CO), carbon dioxide (CO₂), smoke, soot, and sulfur oxides.

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.

ADVICE FOR FIREFIGHTERS:

FIRE FIGHTING PROCEDURES: Isolate fire and deny unnecessary entry. Product may be carried across water surface spreading fire or contracting any ignition source.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: If more than a small fire, wear positive pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE:

Eliminate all sources of ignition in the vicinity of spill to avoid fire or explosion. Ventilate area of leak or spill. No smoking in area. Remove immediately all contaminated clothing. Refer to section 7, "Handling", for additional precautionary measures. For additional information, refer to section 8, "Exposure Controls and Personal Protection".

ENVIRONMENTAL PRECAUTIONS: WASTE DISPOSAL: Dispose of waste according to the local / regional / national / international regulations that apply in your location. Treat waste as flammable material, even when absorbed in rags or absorbent.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP: *FOR SMALL SPILLS OR DRIPS:* Wipe liquid up, or absorb with non-combustible absorbent, such as sand 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. See Section 13, "Disposal Considerations", for additional information.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Keep away from flames and hot surfaces. No smoking. Wash hands thoroughly after handling. Take precautionary measures against static discharge. Avoid eye contact or prolonged skin contact. Keep out of the reach of children. Treat all chemicals with caution and respect, and always use only as directed.

CONDITIONS FOR SAFE STORAGE:

STORAGE CLASS: General

STORAGE REQUIREMENTS: Store in a cool, well-ventilated place. Keep container sealed when not in use.

PACKAGING MATERIAL: PETE (PolyEthylene Terephthalate) or fluorinated plastic bottle.

UNSUITABLE PACKAGING MATERIAL: Not determined.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:

EXPOSURE LIMITS FOR: OSHA Z-1: NONE ACGIH TLV-TWA: NONE ACGIH STEL: NONE

EXPOSURE CONTROLS:

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.

PERSONAL PROTECTIVE EQUIPMENT:

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

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

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

OTHER PROTECTIVE EQUIPMENT OR CLOTHING: None needed in normal use. Provide eye bath in case of accidental contact.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Amber liquid

COLOR: Amber

STATE: Liquid

ODOR CHARACTERISTICS: Citrus odor

pH: 7.0 - 7.5

VISCOSITY: Not Available

SPECIFIC GRAVITY (WATER = 1.0 @ 68° F): 0.962

VAPOR DENSITY (AIR = 1.0 @ 75°F): Not Available

VAPOR PRESSURE (mm Hg @ 100°F): 6.0

UPPER FLAMMABLE LIMIT (% BY VOLUME): 8.5

AUTO-IGNITION TEMPERATURE: Not Available

MELTING POINT: -100°F (-73°C)

BOILING POINT (760 mm Hg): 254°F (123.3°C)

FLASH POINT: 142°F (61.1°C) (CLEVELAND OPEN CUP) (D92)

FREEZING POINT: -100°F (-73°C)

PERCENT VOLATILITY: Not Available

EVAPORATION RATE (BAc = 1.0 @ 120°F): Not Available

SOLUBILITY IN WATER (w/w) @ 70°F: Complete

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available

SOLUBILITY IN ACETONE: Not Available

LOWER FLAMMABLE LIMIT (% BY VOLUME): 1.3

DECOMPOSITION TEMPERATURE: Not Available

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SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY: No data available.

CHEMICAL STABILITY: Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

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

INCOMPATIBLE MATERIALS: Avoid contact with strong acids, strong bases, strong oxidizers, acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Decomposition products can include and are not limited to: Aldehydes, ketones, organic acids, and oxides of d-limonene.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

ACUTE ORAL TOXICITY: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

LD₅₀, Rat, ≥ 5,000 mg/kg

ACUTE DERMAL TOXICITY: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

LD₅₀, Rabbit, ≥ 7,500 mg/kg

ACUTE INHALATION TOXICITY: No adverse effects are anticipated from single exposure to vapor.

SKIN CORROSION / IRRITATION:

SKIN: Prolonged exposure not likely to cause significant skin irritation. This product is not known to cause allergies.

SERIOUS EYE DAMAGE / EYE IRRITATION:

EYES: May cause slight temporary eye irritation, discomfort, and redness. Corneal injury is unlikely. Serious/permanent damage is not expected to occur.

SENSITIZATION:

FOR SKIN SENSITIZATION: Did not cause allergic skin reactions when tested in humans or guinea pigs. This product is not known to cause allergies.

FOR RESPIRATORY SENSITIZATION: No relevant data found. No adverse effect observed. This product is not known to cause allergies.

GERM CELL MUTAGENICITY: In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

CARCINOGENICITY: No chemicals in this product are listed by NTP, IARC, OSHA, OR ACGIH as a carcinogen.

REPRODUCTIVE TOXICITY: No information available.

DELAYED AND IMMEDIATE EFFECTS / CHRONIC EFFECTS FROM SHORT-TERM AND LONG-TERM EXPOSURE:

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

SPECIAL TARGET ORGAN TOXICITY (REPEATED EXPOSURE):

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

TERATOGENICITY: Did not cause birth defects or any other fetal effects in laboratory animals.

ASPIRATION HAZARD: Based on physical properties, not likely to be an aspiration hazard.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicological information on this product or its components appear in this section when such data is available.

TOXICITY:

ACUTE TOXICITY TO FISH: Material is practically non-toxic to aquatic organisms on an acute basis.

(LC₅₀/EC₅₀/EL₅₀/LL₅₀ > 100 mg/L in the most sensitive species tested).

ACUTE TOXICITY TO AQUATIC INVERTEBRATES: Not classified. Material is readily biodegradability and non-toxic to aquatic organisms on an acute basis. Passes OECD test(s) for ready biodegradability.

CHRONIC AQUATIC TOXICITY: Not classified, based on readily biodegradability and low acute toxicity.

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES: Low acute toxicity to aquatic invertebrates.

TOXICITY TO ALGAE / AQUATIC PLANTS: This material has low toxicity to algae and/or aquatic plants.

TOXICITY TO BACTERIA: Low toxicity to sewage microbes.

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TOXICITY TO FISH (CHRONIC TOXICITY): No data available.

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES (CHRONIC TOXICITY): Chronic toxicity expected to be low.

PERSISTENCE AND DEGRADABILITY:

BIODEGRADABILITY: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Material is ultimately biodegradable (reaches > 70% mineralization in OECD test(s) for inherent biodegradability).

BIODEGRADATION: 90%

EXPOSURE TIME: 28 days

METHOD: OECD Test Guideline 301E or Equivalent.

10-Day Window: Pass

BIODEGRADATION: > 90%

EXPOSURE TIME: 5.5 days

METHOD: OECD Test Guideline 302B or Equivalent.

MOBILITY IN SOIL: Potential for mobility in soil is very high (Koc between 0 and 50).

Partition coefficient (Koc): 19 Estimated.

RESULTS OF PBT AND vPvB ASSESSMENT: This product does not contain PBT or vPvB substances.

OTHER ADVERSE EFFECTS: No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL 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 solely the responsibility of the waste generator. For unused & uncontaminated product, the preferred method is to send to a licensed waste management company for disposal.

SECTION 14 - TRANSPORT INFORMATION

UN-NUMBER: Not Regulated.

UN PROPER SHIPPING NAME: Not Regulated.

TRANSPORT HAZARD CLASS(ES): Not Regulated.

PACKING GROUP: As per 173.150 (B) (3) – Packing Group III

ENVIRONMENTAL HAZARD(S): Not Regulated.

SPECIAL PRECAUTION TO USES: See section 7.

SHIPPING 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).

CLASSIFICATION FOR SEA TRANSPORT (IMO-IMDG): Ocean Voyage Commodity #3402.11.0000 .

SECTION 15 - REGULATORY INFORMATION

WORKPLACE CLASSIFICATION: Not Regulated.

SAFETY, HEALTH AND ENVIRONMENTAL REGULATION / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE OF THIS PRODUCT:

This Safety Data Sheet complies with the requirements of 29 CFR § 1910.1200.

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA) or are exempt from reporting.

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product contains a chemical(s) known to the State of California to cause birth defects or other reproductive harm.

COMPONENT

CAS #

AMOUNT

Ethylene glycol monoethyl ether

110-80-5

< / = 0.063%

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PENNSYLVANIA REGULATIONS: To the best of our knowledge, this product does not contain any components cited on the Pennsylvania Special Hazardous Substances List.

CANADIAN REGULATIONS: This material or all of its components are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

WHMIS INFORMATION: The Canadian Workplace Hazardous materials Information System (WHMIS) classification for this product is: Class B3 – Combustible Liquids: Flashpoint of 37.8°C – 93.3°C (100°F – 200°F).

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) CLASSIFICATION:

HEALTH (BLUE): 1 - Irritation or minor reversible injury possible. Poses no health hazard, no precautions necessary and would offer no hazard beyond that of ordinary combustible materials.

FLAMMABILITY (RED): 2 - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100°F (38°C) but below 200°F (93°C). (Classes II & IIIA).

PHYSICAL HAZARDS (ORANGE): 0 - Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.

PERSONAL PROTECTION (WHITE): None

NCP® JINX INK™ DF	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

HEALTH (BLUE): 1 - Exposure would cause irritation with only minor residual injury.

FLAMMABILITY (RED): 2 - Must be moderately heated or exposed to relatively high ambient temperature before ignition can occur and multiple finely divided suspended solids that do not require heating before ignition can occur. Flash point between 38°C and 93°C (100°F and 200°F).

INSTABILITY/REACTIVITY (YELLOW): 0 - Normally stable, even under fire exposure conditions, and is not reactive with water.

SPECIAL NOTICE (WHITE): None



This Safety Data Sheet contains the following revisions: Updates made in accordance with implementation of GHS requirements.

DATE OF PREPARATION: 01 June 2015

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

END OF SDS