

MATERIAL SAFETY DATA SHEET

Nutre Clean XP (MSC)

Manufactured Spec Chemistry

Revised: July 1, 2008

I. IDENTIFICATION

Trade Name: Nutre Clean XP (MSC)
Supplier: NuPro Technologies, Inc.
1531-B Westbrook Plaza Drive
Winston-Salem, NC 27103
PH: 336-768-6070 FX: 336-659-0017

EMERGENCY:
CHEMTREC 800-424-9300

Type of use: To develop photopolymer plates for the flexographic printing industry.

II. COMPOSITION AND INFORMATION ON INGREDIENTS

The specific chemical identity is a trade secret and is therefore not being disclosed in the msds. The msds includes health hazard information for these compounds. Potential hazard information is not being withheld. The specific chemical identity will be provided upon request by a physician or other health-related personnel.

OSHA hazard(s): Combustible liquid. Eye irritant.

III. HAZARDS IDENTIFICATION

Hazard ratings: HMIS: Health = 1, Flammability = 2, Reactivity = 0
(0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = severe)

Eyes: May irritate eyes.
Skin: May irritate and chap skin.
Inhalation: May cause difficulty breathing.
Ingestion: Irritating to tissue if ingested.

IV. FIRST-AID MEASURES

Eyes: Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids.
Skin: Wash area with soap and water. Wash contaminated clothing before reuse.
Inhalation: Remove to fresh air. Oxygen may be given by qualified personnel if breathing is difficult. Seek medical attention.
Ingestion: DO NOT induce vomiting. Drink milk or water to dilute substance.

V. FIRE-FIGHTING MEASURES

Flammability limits in Air % (VOL):

Lower: 1.3

Upper: 8.8

Extinguishing: CO₂, foam, dry chemical.

Fire fighting procedures:

Use agent most appropriate to extinguish fire. Contain liquid, cover with extinguishing agent, use water spray to cool fire, exposed containers and as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

VI. SPILLAGE, ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear safety glasses and clothes to protect skin from any contact with chemical.

Spills/Leaks: Clean up spills immediately.

VII. HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing.

Storage: Store in cool dry place in sealed containers.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection:

Use only in well ventilated area. NIOSH approved organic vapor respirator, where Occupational Exposure Limit (OEL) may be exceeded.

Ventilation (mechanical):

Mechanical (general) ventilation is usually adequate.

Protective gloves:

Rubber or nitrile.

Eye protection:

Chemical goggles.

Other:

Eye bath, safety shower, oxygen mask available. Safety glasses should be worn.

Work/Hygienic practices:

Practice good personal hygiene. Wash after handling. Avoid contact with skin and eyes. Avoid breathing vapors. Use with adequate ventilation. Keep this container and vapors from this container away from heat and flames.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Boiling point: 375F / 190C

Color: Clear to slightly yellow.

Density: 7.109

Evaporation rate: <0.04 (Butyl acetate=1)

Flash Point: 164F (TCC)

Percent volatile by volume: 100%
Solubility in water: 8.00%
Specific Gravity: .864 @ 25C
Vapor density: 3.10 (Air=1)
Vapor pressure: .340 mmHg @20C

X. STABILITY AND REACTIVITY

Stability: Stable
Polymerization: Will not occur.
Conditions to avoid:
Strong oxidants.
Materials to avoid:
Strong acids, bases and oxidizing agents.
Hazardous decomposition or by-products:
Irritating and toxic fumes and gases.

XI. TOXICOLOGICAL INFORMATION

Refer to section III for available information on potential health effects.

XII. ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section VI for information regarding accidental releases and Section XV for regulatory reporting information.

XIII. DISPOSAL CONSIDERATIONS

Used product must be disposed of in accordance with national and local regulations.

XIV. TRANSPORTATION

IATA/ICATO not regulated
DOT: Not regulated for shipments in non-bulk containers (<119 gallons)
For shipments in bulk containers (>119 gallons):
Proper shipping name:
Flammable liquid, n.o.s. (Petroleum Distillates), 3,
NA1993, PG III

XV. REGULATORY INFORMATION

TSCA: listed
NDSL: listed
DSL: not listed

XVI. OTHER INFORMATION

The information and recommendation set forth herein are presented in good faith and believed to be correct and reliable. NuPro Technologies, Inc. makes no representation so as to the completeness or accuracy thereof and supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.