

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Nobil-X Duplicating Material
Product Number: 1009
CAS Number: Blend

Company Identification

Nobilium, Div. of CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-424-9300 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: US Classification: Hazardous.

GHS Classification:

Acute Toxicity, Oral - Category 4
Specific target organ toxicity-repeated exposure Category 2

GHS Hazard Symbols:

Irritant, Health Hazard



GHS Hazard Statements:

H302 - Harmful if swallowed.
H373-May cause damage to organs through prolonged or repeated exposure.

EYE:

Causes eye irritation.

SKIN:

Causes skin irritation.

INHALATION:



Prolonged or excessive inhalation may cause respiratory tract irritation.

INGESTION:

May be fatal if swallowed.

CHRONIC EFFECTS:

May cause liver abnormalities, kidney damage and have adverse effect on the central nervous system.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

Individuals with impaired pulmonary function should not be subjected to excessive airborne concentrations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
ETHYLENE GLYCOL	20.0 - 40.0 %	107-21-1

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

In case of contact, immediately flush eyes with plenty of water, lifting upper and lower lids, for at least 15 minutes. Get medical attention if irritation is apparent.

SKIN CONTACT FIRST AID:

Wash skin with soap and water. Seek medical attention if irritation develops or persists.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

FLAMMABLE PROPERTIES:

None.



EXTINGUISHING MEDIA:

Alcohol foam, carbon dioxide or dry chemical.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILLS PROCEDURE:

Allow liquid to gel, pick up and dispose of.

SMALL SPILLS PROCEDURE:

Same as large spill.

7. HANDLING AND STORAGE

STORAGE PRECAUTIONS:

Avoid excessively hot or freezing areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

SKIN PROTECTION REQUIREMENTS:

Not required.

RESPIRATORY PROTECTION REQUIREMENTS:

Not required.

EXPOSURE GUIDELINES:

ETHYLENE GLYCOL

OSHA TWA: 50 ppm, 127 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Gel
COLOR:	Cream
ODOR:	Oil
BOILING POINT:	220 F
VAPOR PRESSURE:	740 mm Hg
VAPOR DENSITY:	3.1 (Air = 1)
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	1.4 (Water = 1)
% VOLATILES:	30 %



10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

DECOMPOSITION:

Decomposition will not occur.

CONDITIONS TO AVOID:

Avoid hot or freezing temperatures.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

May cause slight eye irritation, Vapor or mists may cause eye irritation.

SKIN EFFECTS:

Prolonged contact may cause slight irritation with local redness. Repeated contact may cause skin irritation with local redness.

ACUTE INHALATION EFFECTS:

Vapors or mists may cause respiratory irritation.

ACETIC ACID

Test Code: LD₅₀

Description: Unreported route of entry.

Species: Man

Results: 308 mg/kg; Toxic effects not yet reviewed.

Test Code: Oral TD₅₀

Species: Human

Results: 1470 micrograms caused functional changes in the esophagus and bleeding in the small & large intestine.

Test Code: TCLO

Description: Inhalation

Species: Human

Results: 816 ppm/3 min caused olfactory and eye effects with respiratory changes.

Test Code: Oral LD₅₀

Species: Rat

Results: 3530 mg/kg, no toxic effect noted.

Test Code: Eye

Description: Open patch test

Species: Rabbit

Results: 50 micrograms caused severe irritation

CAUSTIC SODA

Test Code: Acute Dermal Exposure



Description: Skin
Species: Rabbit
Results: 500 mg applied over 24 hours causes severe irritation.

Test Code: Intraperitoneal LD50
Species: Mouse
Results: 40 mg/kg, toxics effects not yet reviewed.

12. ECOLOGICAL INFORMATION

ETHYLENE GLYCOL

Test Code: LC50/96-hour
Species: fish
Results: >100 mg/l

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Nobil-X Duplicating Material
D.O.T. SHIPPING NAME:	N/A
TECHNICAL SHIPPING NAME:	N/A
D.O.T. HAZARD CLASS:	N/A
UN NUMBER:	N/A

15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA 313	02 = CA Proposition 65
03 = SARA 302/304	04 = CERCLA 302.4
05 = ACGIH TWA	06 = ACGIH STEL
07 = ACGIH CALC TLV	08 = OSHA PEL
10 = OSHA CEILING	

EEC Symbols and Indications of Danger:

Harmful (Xn), Irritant (Xi)



R-Phrases:



R36 - Irritating to eyes.

S-Phrases:

S25 - Avoid contact with eyes.

Canadian Disclosure List

ETHYLENE GLYCOL (107-21-1)

SARA Title III - Section 313

Nobil-X Duplicating Material (BLEND) --
ETHYLENE GLYCOL (107-21-1)

Title V

ETHYLENE GLYCOL (107-21-1)

SC Toxic Air Pollutants List

ETHYLENE GLYCOL (107-21-1)

16. OTHER INFORMATION

PREPARED BY:	John Nicpon
APPROVED BY:	John Nicpon
TITLE:	Quality Manager
APPROVAL DATE:	March 12, 2018
SUPERCEDES DATE:	March 30, 2015
RTN NUMBER:	00000216 (Official Copy)

HMIS Rating:

Health - 1
Flammability - 0
Reactivity - 0

ABBREVIATIONS USED IN THIS MSDS:

TLV - THRESHOLD LIMIT VALUE	TWA - Time Weighted Average
STEL - SHORT TERM EXPOSURE LIMIT	TPQ - Threshold Planning Quantity
RQ - REPORTABLE QUANTITY	PEL - Permissible Exposure Limit
C - CEILING LIMIT	CAS - Chemical Abstract Service Number
NDA - NO DATA AVAILABLE	N/A - Not Applicable or Not Available

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END OF SAFETY DATA SHEET

