



CHEMICAL & FERTILIZER CORPORATION

MATERIAL SAFETY DATA SHEET

IDENTITY

NU FILM 17®

Section I

Manufacturer's Name MILLER CHEMICAL & FERTILIZER CORP.	Emergency Telephone Number CHEMTREC: 1-800-424-9300 717-632-8921
Address P.O. BOX 333, 120 RADIO ROAD HANOVER, PA 17331 U.S.A.	Telephone Number for Information 717-632-8921 FAX: 717-632-4581
	Date Prepared 10/1/2006
Chemical Family TERPENE POLYMERS	

Section II - Hazardous Ingredients/Identity Information

NAME	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
THIS PRODUCT HAS BEEN TESTED AS A WHOLE TO DETERMINE IT'S HAZARDS	NA	ND	ND	MISTS - 245mg/m3

Recommended NFPA Rating: HEALTH: NE FIRE: NE REACTIVITY: NE

THE NFPA RATING HAS NOT BEEN ESTABLISHED FOR THIS PRODUCT

PA Right-to-Know: This product contains proprietary ingredients.

This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372 (the corresponding CAS number and typical percent by weights are also provided).

NONE

Section III - Physical/Chemical Characteristics

Percent Volatile	No data available	Specific Gravity (H20=1)	0.92-0.95 @ 20c
Vapor Pressure (mm Hg @ 25c)	No data available	Melting Point	NA
Vapor Density (AIR=1)	No data available	Evaporation Rate (Butyl Acetate=1)	ND
Solubility in Water	EMULSIFIABLE	pH (2% in water)	Neutral - 7
Appearance and Odor	RED OR YELLOW TO AMBER LIQUID: MODERATE TERPENE ODOR		

Section IV - Fire and Explosion Hazard Data

Flash Point	> 200 c	Flammable Limits	ND	LEL	ND	UEL	ND
Extinguishing Media	FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATERSPRAY OR SAND/EARTH						
Special Fire Fighting Procedures	USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL. USE SUPPLIED AIR BREATHING APPARATUS EQUIPMENT. USE WATER SPRAY TO DISPERSE VAPORS.						
Unusual Fire and Explosion Hazards	EVACUATE PEOPLE DOWNWIND FROM FIRE. CONTROL RUNOFF WATER.						

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	EXCESSIVE HEAT, SOURCES OF IGNITION, STRONG OXIDIZERS.
	Stable	X		
Incompatibility(materials to avoid)	STRONG OXIDIZERS			
Hazardous Decomposition or Byproducts	OXIDES OF CARBON UNDER FIRE CONDITIONS			
Hazardous Polymerization	May Occur		Conditions to Avoid	NONE KNOWN
	Will Not Occur	X		

Section VI - Health Hazard Data				
Route(s) of Entry:	Inhalation?	YES	Skin?	YES
				Ingestion?
				YES
Health Hazards (Acute and Chronic) ORAL TOXICITY: RATS >5050 mg/kg. Practically non-toxic				
DERMAL TOXICITY RATS >5050 mg/kg INHALATION TOXICITY: LC50 >2020 mg/m ³				
ACUTE TOXICOLOGICAL PROPERTIES: NONE				
THESE PRODUCTS MAY CAUSE MILD EYE, SKIN AND THROAT IRRITATION				
CHRONIC: NO DATA AVAILABLE				
Carcinogenicity:	NTP?	NO	IARC Monographs?	NO
				OSHA Regulated?
				NO
Signs and Symptoms of Exposure NO DATA AVAILABLE				
Medical Conditions Generally CONTACT MAY CAUSE IRRITATION				
Aggravated by Exposure				
Emergency and First Aid Procedures				
INGESTION: DO NOT INDUCE VOMITING, CALL A PHYSICIAN.				
EYES: IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES, SEEK MEDICAL ATTENTION.				
SKIN: REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER.				
INHALATION: REMOVE VICTIM TO FRESH AIR, CALL A PHYSICIAN				
Section VII - Precautions for Safe Handling and Use				
Steps to be Taken in Case Material is Released or Spilled ELIMINATE ALL SOURCES OF IGNITION. DIKE OR IMPOUND TO KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES. ABSORB SPILL WITH INERT MATERIAL, SHOVEL INTO WASTE CONTAINERS. WASH AREA WITH WATER. ABSORB WATER WITH INERT MATERIAL. CONTINUE THIS PROCEDURE UNTIL NO RESIDUES REMAIN.				
Waste Disposal Method DISPOSE OF WASTE AND WASTE CONTAINERS IN ACCORDANCE WITH LOCAL/STATE/FEDERAL REGULATIONS.				
Precautions to be Taken in Handling and Storing KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP FROM SOURCES OF IGNITION. DO NOT CONTAMINATE WATER, FOOD, FEED BY STORAGE OR DISPOSAL. FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICES. STORE BETWEEN 40.5 F AND 120.5 F.				
Other Precautions KEEP FROM CHILDREN AND ANIMALS. AFTER WORKING WITH THIS PRODUCT, THOROUGHLY CLEAN EQUIPMENT. WASH THOROUGHLY, CHANGE CLOTHING, AND CLEAN PROTECTIVE GEAR.				
Section VIII - Control Measures				
Respiratory Protection A RESPIRATOR APPROVED BY NIOSH/MSHA SHOULD BE WORN WHERE VAPOR INHALATION COULD OCCUR.				
Ventilation	Local Exhaust	NA	Special	NA
	Mechanical	PREFERRED	Other	NA
Protective Gloves	CHEMICAL RESISTANT (e.g. rubber)		Eye protection	CHEMICAL SPLASH GOGGLES
Other Protective Clothing or Equipment CHEMICAL RESISTANT APRON, CLEAN BODY-COVERING CLOTHING, BOOTS, HAT				
Work/Hygienic Practices PREVENT EATING, DRINKING, TOBACCO USAGE AND COSMETIC APPLICATION TO PREVENT EXPOSURE.				
<p>THE SUBMISSION OF THIS MSDS MAY BE REQUIRED BY LAW BUT THIS IS NOT AN ASSERTION THAT THIS SUBSTANCE IS HAZARDOUS WHEN USED IN ACCORDANCE WITH PROPER SAFETY PRACTICES AND NORMAL HANDLING PROCEDURES.</p> <p><i>THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.</i></p>				