



# MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)  
Form approved OMB No. 1218-0072  
OSHA 174 - September 1985

## HMIS RATING

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

## IDENTITY:

MNB01, MNB05, & MNB55  
NON CHLORINATED CLEANER

## NFPA RATING

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

## Marketer's Name Must Appear Below

**DOT Shipping**  
Petroleum Distillates, n.o.s., Class3, Un1268, PG III

## Manufacturer's Name

Plastic Process Equipment, Inc.

## Emergency Telephone Number

**1-800-535-5053**

## Address

8303 Corporate Park Drive

## Telephone Number for Information

1-216-367-7000

Macedonia, Ohio 44056

## Date Prepared

10/18/07

## Section 2- Hazardous Ingredients/Identity Information

### Hazardous Components

(Specific Chemical Identity, Common Name(s))

Chemicals listed below are in PPM unless stated otherwise

	OSHA		ACGIH TLV		% Composition
	TWA	STEL	TWA	STEL	
	ALIPHATIC PETROLEUM DISTILLATES (6742-89-8)	400	N/A	N/A	
*XYLENE (1330-20-7)	100	N/A	100	150	35 - 45
*ACETONE (67-64-1)	1000	NE	750	1000	5 - 15

Aliphatic Petroleum Distillates contain a maximum of 3.5% cyclohexane (110-82-7). Technical grade xylene contains 18-20% ethyl benzene (100-41-4) which has 100 ppm PEL, 100 ppm TLV, 125ppm STEL.

\*All chemical compounds marked with an asterisk (\*) are toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

## Section 3- Physical/Chemical Characteristics

<b>Boiling Point (Range)</b>	133°F to 279°F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.8
<b>Vapor Pressure @ 70°F</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density (Air = 1)</b>	> 1	<b>Evaporation Rate (Butyl Acetate = 1)</b>	> 1
<b>Solubility in Water</b>	Nil	<b>Appearance and Odor</b>	Clear/Solvent

## Section 4- Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b>	< -1F° TCC Based on Acetone	<b>Flammable Limits</b>	<b>LEL</b> 2.6	<b>UEL</b> 12.8
<b>Extinguishing Media</b>	Water fog, carbon dioxide, foam, dry chemical.			
<b>Special Fire Fighting Procedures</b>	Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.			
<b>Unusual Fire and Explosion Hazards</b>	Heated cans may burst.			

## Section 5- Reactivity Data

Stability	Unstable		Conditions to Avoid High Temperatures
	Stable	X	
Incompatibility (Materials to Avoid) Strong oxidizers, acids.			
Hazardous Decomposition or Byproducts In fire, will decompose to CO <sub>2</sub> .			
Hazardous Polymerization	May Occur		Conditions to Avoid None.
	Will not Occur	X	

## Section 6- Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
<b>Health Hazards (Acute &amp; Chronic)</b> May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver, or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.			
<b>Carcinogenicity</b>	<b>NTP?</b>	<b>IARC Monographs?</b>	<b>OSHA Regulated?</b>
This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.			
<b>Signs and Symptoms of Exposure</b> Inhalation- Difficulty in breathing. Skin- Redness. Ingestion- Vomiting.			
<b>Medical Conditions Generally Aggravated by Exposure</b> Generally aggravated by exposure: Heart disease, respiratory disorders.			
<b>Emergency and First Aid Procedures</b> Give oxygen. Do not induce vomiting. Wash eyes and skin for 15 minutes. Get medical help.			

## Section 7- Precautions for safe handling and use

<b>Steps to be Taken in Case Material is Released or Spilled</b>	Use absorbent sweeping compound to soak up material. Put into container.
<b>Waste Disposal Method</b>	Dispose as hazardous waste in accordance with EPA RCRA.
<b>Precaution to be Taken in Handling and Storing</b>	Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.
<b>Other Precautions</b>	When spraying more than 1/2 can continuously or more than 1 can consecutively, use NIOSH approved respirator.
<b>NFPA 30B Level</b>	N/A

## Section 8- Control measures

<b>Respiratory Protection (Specific Type)</b> Self contained breathing apparatus if above TLV limit exceeding.		
Ventilation	<b>Local Exhaust</b> Yes	<b>Special</b> None
	<b>Mechanical (General)</b> None	<b>Other</b> None
<b>Protective Gloves</b> None required if spraying.	<b>Eye Protection</b> Wear eye protection.	
<b>Other Protective Clothing or Equipment</b> Long sleeve and long pants.		
<b>Work/Hygienic Practices</b> Do not smoke while using. Wash hands after use.		