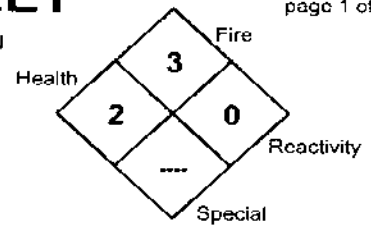


BRENNTAG MATERIAL SAFETY DATA SHEET

Brenntag MSDS #:	BPI-00103
MSDS Revision/Issue Date:	07/17/06
Supersedes Revision Date:	05/30/06

NFPA 704 DESIGNATION
HAZARD RATING

4=Extremc
3=High
2=Moderate
1=Slight
0=Insignificant



1. CHEMICAL PRODUCT IDENTIFICATION & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: Lacquer Thinner 666-B Medium Dry

GENERAL USE: Used as a thinner for lacquers, varnishes and paints in coating operations.

PRODUCT DESCRIPTION: A clear, colorless to pale yellow liquid having a characteristic solvent odor.

INFORMATION PROVIDED BY: Brenntag Pacific, Inc.
5700 N.W. Front Avenue
Portland OR 97210

For MSDS call: **PHONE: 503-242-0200**

EMERGENCY PHONE NUMBERS

BRENNTAG: 503-699-7055
CHEMTREC: 800-424-9300
CANUTEC: 613-996-6666

2. COMPOSITION & INFORMATION ON INGREDIENTS (Information continued on next page)

COMPONENT	CAS #	OSHA HAZARD	WT %	ACGIH		OSHA	
				TLV _(TWA)	STEL	PEL _(TWA)	STEL
Toluene	108-88-3	Flammable Liquid; Eye, Skin & Respiratory Irritant; Kidney, Liver & Central Nervous System toxin; Suspected Carcinogen - IARC	30 ± 5	50 ppm (Skin) (A4) Proposed: 20 ppm (A4)	None	200 ppm; Ceiling: 300ppm Maximum Peak: 500 ppm (10 minute period)	None
Solvent Naphtha (Petroleum) Light Aliphatic	64742-89-8	Flammable Liquid; Eye, Skin & Respiratory Irritant; Central Nervous System toxin	25 ± 5	400 ppm	None	500 ppm	None
Acetone	67-64-1	Highly Flammable Liquid; Eye, Skin & Respiratory Irritant; Kidney & Liver toxin by Ingestion; Central Nervous System toxin	13 ± 2	500 ppm (A4)	750 ppm	1,000 ppm	None
Methanol	67-56-1	Flammable Liquid; Toxic by Ingestion and Skin Absorption; Eye, Skin & Respiratory Irritant; Central Nervous System toxin	12 ± 2	200 ppm (Skin)	250 ppm	200 ppm	None
n-Heptane	142-82-5	Flammable Liquid; Eye, Skin & Respiratory Irritant; Toxic by Inhalation; Central Nervous System toxin	10 ± 2	400 ppm	500 ppm	500 ppm	None

NDA = No Data Available

N/A = Not Applicable

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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2. COMPOSITION & INFORMATION ON INGREDIENTS cont.

COMPONENT	CAS #	OSHA HAZARD	WT %	ACGIH		OSHA	
				TLV _(TWA)	STEL	PEL _(TWA)	STEL
Isopropanol	67-63-0	Flammable Liquid; Eye, Skin & Respiratory Irritant; Lung, Kidney & Central Nervous System toxin	5 ± 1	200 ppm (A4)	400 ppm	400 ppm	None
2-Butoxyethanol	111-76-2	Combustible Liquid; Eye, Skin & Respiratory Irritant; Toxic by Ingestion, Skin Absorption & Inhalation; Blood, Liver, Kidney & Central Nervous System toxin; Confirmed Animal Carcinogen - ACGIH	4 ± 1	20 ppm, (Skin) (A3)	None	50 ppm, (Skin)	None
Methyl Ethyl Ketone	78-93-3	Flammable Liquid; Eye, Skin & Respiratory Irritant; Moderately Toxic by Ingestion & Skin Contact; Central Nervous System toxin	3 ± 1	200 ppm	300 ppm	200 ppm	None

NDA = No Data Available

N/A = Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	This product is clear, colorless to pale yellow, highly flammable liquid having a characteristic solvent type odor. Vapors from this product may concentrate in confined spaces and form an explosive mixture. Vapors, mists and liquid are moderately to severely irritating to the eyes, skin and respiratory tract. The NIOSH I.D.L.H. for Toluene is: 500 ppm; for Acetone, it is: 2,500 ppm; for Methanol, it is: 6,000 ppm; for n-Heptane, it is: 750 ppm; for Isopropanol, it is: 2,000 ppm; for 2-Butoxyethanol, it is: 700 ppm and for Methyl Ethyl Ketone, it is: 3,000 ppm.
POTENTIAL HEALTH EFFECTS	
INHALATION:	Inhalation of vapors or mists may be moderately irritating to the nose, mouth, throat, mucous membranes and lungs. Symptoms of exposure may include sneezing, coughing, chest discomfort and breathing difficulties along with headache, dizziness, anesthesia, drowsiness, unconsciousness and other symptoms related to central nervous system depression and a narcotic effect. Inhalation of high vapor or mist concentrations may additionally cause central nervous system damage, coma and possibly death.
EYE CONTACT:	Exposure to the vapors, mists or liquid may cause moderate to severe eye irritation. Symptoms of exposure may include tearing, redness, swelling and a painful stinging sensation. The liquid or high concentrations of mist may cause corneal damage with visual impairment, if not treated promptly.
SKIN CONTACT:	Exposure to the mists or liquid may cause moderate to severe skin irritation. Symptoms of exposure may include redness, swelling, a burning sensation and dry, cracked skin. One or more components of this product may be absorbed through the intact skin in harmful amounts.
INGESTION:	Aspiration hazard. This product can enter the lungs, during swallowing or vomiting, and cause severe lung damage. Ingestion may also cause moderate to severe irritation to the entire gastrointestinal tract, including the stomach and intestines, characterized by nausea, vomiting, diarrhea and other central nervous system effects. Ingestion of a large amount may cause liver and kidney damage that may eventually be fatal.
CHRONIC:	Prolonged or repeated exposure to this product may cause liver and kidney damage, possible reproductive effects and defatting of the skin that can lead to dermatitis.

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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4. FIRST AID MEASURES

INHALATION:	If inhaled, immediately move to fresh air. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; use the Holger Nielsen method (back pressure-arm lift) or proper respiratory device. If breathing is difficult, give oxygen. Call a physician.
EYE CONTACT:	In case of contact, immediately flush eyes with plenty of clean running water for at least 15 minutes, lifting the upper and lower lids occasionally. Remove contact lenses, if worn. Get medical attention.
SKIN CONTACT:	In case of contact, cleanse affected area thoroughly by washing with mild soap and water. Remove contaminated clothing and shoes, and wash before reuse. If irritation occurs and persists, get medical attention.
INGESTION:	Aspiration hazard. If swallowed, get medical attention immediately. DO NOT induce vomiting or give anything by mouth, <u>unless otherwise directed by medical personnel</u> . If vomited, this material can enter the lungs and cause severe lung damage. If the victim is drowsy or unconscious, lay the victim on their side with the head down.
NOTE TO PHYSICIANS:	Aspiration hazard. If any of this product is aspirated during swallowing or vomiting, it may cause severe lung injury. Emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration, such as gastric lavage after endotracheal intubation. Treat exposures, other than ingestion, symptomatically.

5. FIRE FIGHTING MEASURES

Flashpoint and Method:	Approximately 0° F. (-18° C.)	Tagliabue Closed Tester (ASTM D 56-79)
Flammable Limits (in air, % by volume)	Lower: Not determined	Upper: Not determined
Autoignition Temperature:	Not determined	
GENERAL HAZARD:	This product is a clear, volatile liquid. The Uniform Fire Code physical hazard classification for this product is: Flammable Liquid, Class I-B . The vapors from this product may concentrate in confined spaces and form an explosive mixture. Containers, heated in a fire, can rupture violently. This product may produce hazardous vapors and hazardous decomposition products.	
FIRE FIGHTING INSTRUCTIONS:	EXTINGUISHING MEDIA: Water fog, foam, CO ₂ or dry chemicals. Use a water spray or fog to cool the containers exposed to the heat of a fire.	
FIRE FIGHTING EQUIPMENT:	Fire fighters should wear full protective equipment, including self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS:	When heated to decomposition, it emits toxic carbon monoxide and carbon dioxide plus dense, irritating smoke.	

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL:	Remove all ignition sources. Vapors, which are heavier than air, can be concentrated at ground level. Wearing recommended protective equipment and clothing, dike the spill and pick up the bulk of liquid using non-sparking tools, or absorb the liquid in sand or a non-combustible absorbent. Place in approved containers for recovery, disposal, or satellite accumulation. For large spills, vapors may be dispersed by the use of a water fog; the run-off must be controlled and disposed of properly. Inhalation Hazard: when an inhalation hazard is indicated, use cleaning methods that do not generate aerosols, fumes, vapors or mists. Respiratory equipment is required during the clean-up of the spill.
WATER SPILL:	Wear recommended protective equipment and clothing if contact with hazardous material can occur. Stop or divert water flow. Dike contaminated water and remove for disposal and/or treatment. As appropriate, notify all downstream users of possible contamination.

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PRODUCT IDENTIFIER: Lacquer Thinner 666-B Medium Dry

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7. HANDLING AND STORAGE**STORAGE TEMPERATURE:** Ambient**STORAGE PRESSURE:** Ambient

GENERAL: Outside storage is preferable. Inside, store in a cool, dry, well-ventilated area away from all sources of ignition and incompatible materials and products. Inside storage must be in compliance with all OSHA regulations and fire codes. Do not store near oxidizing or reducing agents.

Protect eyes, skin and clothing from contact with this product. Wear recommended personnel protective equipment when handling this product. Avoid breathing vapors, mists or aerosols. Use with adequate ventilation. Keep the containers tightly closed when not in use. Wash thoroughly with soap and water after handling this product.

Always electrically ground and bond all containers and equipment before transferring.

The empty containers can be hazardous. After the containers have been emptied, they can contain flammable residues and flammable / explosive vapors. Do not cut, puncture or weld on or near these containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL MEASURES: Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions, in the work area, below the OSHA-PEL or ACGIH-TLV.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR: For exposures above an OSHA-PEL or ACGIH-TLV, wear a NIOSH approved air purifying cartridge respirator equipped with a good organic vapor cartridge. For exposures above a NIOSH I.D.L.H., or an unknown concentration, wear a full facepiece supplied air respirator, or a self-contained breathing apparatus (SCBA), operated in the pressure demand and positive pressure mode.

EYES: Wear chemical goggles (recommended by ANSI Z87.1-1979), unless a full facepiece respirator is worn.

GLOVES: Wear Butyl Rubber, Teflon, Barrier, Responder, Trelchem HPS, Tychem TK or Silver Shield / 4H gloves.

CLOTHING & EQUIPMENT: Wear a Butyl Rubber apron or full protective suit when handling this product. An eye wash station and safety shower should be available in the work area.

FOOTWEAR: Wear Butyl Rubber boots or Natural Rubber boots with 4H inserts.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless to pale yellow	Bulk Density (pounds/ft³):	Not applicable
Physical State:	Liquid	Vapor Pressure:	About 50.3 mm Hg @ 20° C.
Odor:	Characteristic solvent type	Vapor Density (air=1):	Greater than 1.0
Odor Threshold:	No data available	Evaporation Rate (n-Butyl Acetate=1):	Greater than 1.0
Molecular Formula:	Mixture	VOC Content:	Approximately 690 grams/Liter
Molecular Weight:	Not applicable	% Volatile:	100
Boiling Point:	Initial, Greater than 60° C. (140° F.)	Solubility in H₂O:	Appreciable (10 – 50%)
Freezing/Melting Point:	Less than -40° C. (-40° F.)	Octanol/Water Partition Coefficient:	No data available
Specific Gravity:	Approximately 0.793 @ 25° C.	pH (as is):	Not applicable
Density (pounds/gallon):	Approximately 6.62	pH (1% solution):	No data available

10. STABILITY AND REACTIVITY

GENERAL: This product is stable and hazardous polymerization will not occur.

CONDITIONS TO AVOID: Hot indoor storage and all sources of ignition.

INCOMPATIBLE MATERIAL: All oxidizing materials & products, reducing agents and concentrated Sulfuric Acid.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition, it emits toxic oxides of carbon plus dense, irritating smoke.

SENSITIVITY TO MECHANICAL IMPACT: This product is not sensitive to mechanical impact.

SENSITIVITY TO STATIC DISCHARGE: This product is sensitive to static discharge.

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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11. TOXICOLOGICAL INFORMATION

(information continued on next page)

Components: Toluene
Eye Contact: Rabbit: 2 mg/24 hours; Severe
Skin Contact: Rabbit: 20 mg/24 hours; Moderate
Oral Rat LD₅₀: 636 mg/kg
Dermal Rabbit LD₅₀: 12,124 mg/kg
Inhalation Rat LC₅₀: 49 gm/m³/4 hours
Human Data: Inhalation Man TC₁₀: 100 ppm; Central Nervous System effects
Other Toxicological Data: Oral Human LD₅₀: 50 mg/kg; (Inhalation Man TC₁₀: 100 ppm; Hallucinations & Behavioral effects)
Carcinogenicity: No data available
Teratogenicity: Inhalation Rat TC₁₀: 800 mg/m³/6 hours (female 14-20 Days pregnant) Effects on Embryo or Fetus - Fetotoxicity
Mutagenicity: Rat DNA Damage; Liver: 30 umol/liter
Synergistic Products: None reported
Target Organs: Eyes, Skin, Mucous membranes, Lungs, Liver, Kidneys & Central Nervous System

Medical Conditions**Aggravated By Exposure:** Skin, Respiratory, Liver or Kidney disorders

Components: Solvent Naphtha (Petroleum) Light Aliphatic
Eye Contact: No data available
Skin Contact: No data available
Oral Rat LD₅₀: Greater than 2,000 mg/kg
Dermal Rabbit LD₅₀: No data available (Dermal Rat LD₅₀: >2,000 mg/kg)
Inhalation Rat LC₅₀: Greater than 5,000 ppm/1 hour
Human Data: No data available
Other Toxicological Data: No data available
Carcinogenicity: No data available
Teratogenicity: No data available
Mutagenicity: No data available
Synergistic Products: None reported
Target Organs: Eyes, Skin, Lungs & Central Nervous System

Medical Conditions**Aggravated By Exposure:** Skin or Respiratory disorders

Components: Acetone
Eye Contact: Rabbit: 3,950 ug; Severe
Skin Contact: Rabbit: 500 mg/24 hours; Mild
Oral Rat LD₅₀: 5,800 mg/kg
Dermal Rabbit LD₅₀: 20 gm/kg
Inhalation Rat LC₅₀: 50,100 mg/m³/8 hours
Human Data: Inhalation Man TC₁₀: 440 ug/m³/6 minutes; (Toxic Effects: Brain and coverings – Recordings from specific areas of the Central Nervous System)
Other Toxicological Data: Oral Man TD₁₀: 2,857 mg/kg; (Toxic Effects: Behavioral Coma; Kidney, Ureter and Bladder Other changes)
Carcinogenicity: No data available
Teratogenicity: Inhalation Mammal TC₁₀: 31,500 ug/m³ (female 1-13 Days pregnant) Effects on Fertility – Post-implantation mortality
Mutagenicity: Hamster Cytogenetic Analysis; fibroblast: 40 gm/Liter
Synergistic Products: Chlorinated Hydrocarbons
Target Organs: Eyes, Skin, Mucous membranes, Lungs, Liver, Kidneys & Central Nervous System

Medical Conditions**Aggravated By Exposure:** Skin, Respiratory, Liver or Kidney disorders

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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11. TOXICOLOGICAL INFORMATION

(information continued on next page)

Components: Methanol
Eye Contact: Rabbit: 10 mg; Moderate
Skin Contact: Rabbit: 20 mg/24 hours; Moderate
Oral Rat LD₅₀: 5,628 mg/kg
Dermal Rabbit LD₅₀: 15,800 mg/kg
Inhalation Rat LC₅₀: 64,000 ppm/4 hours
Human Data: Oral Human LD_{Lo}: 143 mg/kg
Other Toxicological Data: Inhalation Human TC_{Lo}: 300 ppm
Carcinogenicity: No data available
Teratogenicity: Inhalation Rat TC_{Lo}: 10,000 ppm/7 hours (female 7-15 Days pregnant) Fetotoxicity
Mutagenicity: Human DNA Inhibition; Lymphocyte: 300 mmol/Liter
Synergistic Products: None reported
Target Organs: Eyes, Skin, Mucous membranes, Lungs, Kidneys & Central Nervous System

Medical Conditions**Aggravated By Exposure:** Skin, Kidney or Respiratory disorders

Components: Isopropanol
Eye Contact: Rabbit: 10 mg; Moderate
Skin Contact: Rabbit: 500 mg; Mild
Oral Rat LD₅₀: 5,045 mg/kg
Dermal Rabbit LD₅₀: 12,800 mg/kg
Inhalation Rat LC₅₀: 16,000 ppm/8 hours
Human Data: Oral Human LD_{Lo}: 3,570 mg/kg
Other Toxicological Data: Inhalation Mouse LC_{Lo}: 12,800 ppm/3 hours
Carcinogenicity: No data available
Teratogenicity: Inhalation Rat TD_{Lo}: 3,500 ppm/7 hours (female 1-19 Days pregnant) Effects on Embryo or Fetus - Fetotoxicity
Mutagenicity: Inhalation Rat, Cytogenetic Analysis: 1,030 ug/m³/16 Weeks
Synergistic Products: Chlorinated hydrocarbons
Target Organs: Eyes, Skin, Mucous membranes, Lungs, Kidneys & Central Nervous System

Medical Conditions**Aggravated By Exposure:** Skin, Kidney or Respiratory disorders

Components: 2-Butoxyethanol
Eye Contact: Rabbit: 100 mg; Severe
Skin Contact: Rabbit: 500 mg, open; Mild
Oral Rat LD₅₀: 470 mg/kg
Dermal Rabbit LD₅₀: 220 mg/kg
Inhalation Rat LC₅₀: 450 ppm/4 hours (Inhalation Mouse LC₅₀: 700 ppm/7 hours)
Human Data: Inhalation Human TC_{Lo}: 195 ppm/8 hours; Gastrointestinal effects – Nausea or vomiting
Other Toxicological Data: Oral Rabbit LD₅₀: 300 mg/kg
Carcinogenicity: No data available
Teratogenicity: Inhalation Rat TC_{Lo}: 25 ppm/6 hours; (female 6 – 15 Days pregnant); Specific Developmental Abnormalities – Musculoskeletal system
Mutagenicity: Bacteria – S.Typhimurium, Mutations in Microorganisms: 19 umol/plate (-S9), 76 umol/plate (+S9)
Synergistic Products: None reported
Target Organs: Eyes, Skin, Mucous membranes, Lungs, Kidneys, Liver, Blood & Central Nervous System

Medical Conditions**Aggravated By Exposure:** Skin, Respiratory, Kidney or Liver disorders

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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11. TOXICOLOGICAL INFORMATION cont.

Components:	Methyl Ethyl Ketone
Eye Contact:	Human: 350 ppm (Irritation threshold)
Skin Contact:	Rabbit: 500 mg/24 hours; Moderate
Oral Rat LD₅₀:	2,732 mg/kg
Dermal Rabbit LD₅₀:	6,480 mg/kg
Inhalation Rat LC₅₀:	23,500 mg/m ³ /8 hours
Human Data:	Inhalation Human TC _{Lo} : 100 ppm/5 minutes; Irritant effects
Other Toxicological Data:	Oral Mouse LD ₅₀ : 4,050 mg/kg
Carcinogenicity:	No data available
Teratogenicity:	Inhalation Rat TC _{Lo} : 1,000 ppm/7 hours (female 6-15 Days pregnant); Fetotoxicity: Specific Developmental Abnormalities – Musculoskeletal system
Mutagenicity:	Yeast – <i>S. cerevisiae</i> – Sex Chromosome Loss: 33,800 ppm
Synergistic Products:	None reported
Target Organs:	Eyes, Skin, Lungs & Central Nervous System
Medical Conditions	
Aggravated By Exposure:	Skin or Respiratory disorders

12. ECOLOGICAL INFORMATION**ENVIRONMENTAL FATE:**

The environmental fate of this product is expected to be: **Land:** volatilization and biodegradation with some leaching into the groundwater. **Water:** volatilization and biodegradation. **Air:** reaction with hydroxyl radicals and direct photolysis. This product is not expected to bioaccumulate.

ENVIRONMENTAL CONSIDERATIONS:

The aquatic toxicity for this product has not been determined.

13. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: Ignitable Waste

U.S. EPA WASTE NUMBER/DESCRIPTION: D001

If this product is disposed of as shipped, it meets the criteria of a hazardous waste as defined under 40 CFR 261 due to its ignitability. If this product becomes a waste, it will be a hazardous waste which is subject to the Land Disposal Restrictions under 40 CFR 268 and must be managed accordingly. As a hazardous liquid waste, it must be disposed of in accordance with local, state, and federal regulations in a permitted hazardous waste treatment, storage, and disposal facility, by incineration.

14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	Paint related material		
	Hazard Class: 3	UN Number: UN1263	Packing Group: II
	Primary Label: Flammable Liquid	Subsidiary Label(s): None Required	
	Primary/Subsidiary Placards: Flammable Liquid		
DOT Reportable Quantity (RQ):	1,000 pounds (Toluene)	RQ for Product:	3,460 pounds (522.7 gallons)
Marine Pollutant:	No		
2004 North American Emergency Response Guidebook No.:	128		
TDG PROPER SHIPPING NAME:	PAINT RELATED MATERIAL		
	Hazard Class: 3	UN Number: UN1263	Packing Group: II
	Primary Label: Flammable Liquid	Subsidiary Label(s): None Required	
	Primary/Subsidiary Placards: Flammable Liquid		
TDG Reportable Quantity (RQ):*	At least 200 liters.		
TDG Schedule XII:	Not listed		
Regulated Limit (RL):**	50 kg (Toluene)	RL for Product:	173 kg (218 liters)
Other Shipping Information:	None		

* Canadian Transportation of Dangerous Goods Regulations (TDGR), Part IX, Table I, Quantities or levels for Immediate Reporting: releases of reportable quantities, RQ, that meet the definition of a "dangerous occurrence" (a threat to life, health, property, or the environment) must be reported to the appropriate authorities as outlined in TDGR 9.13(1) and 9.14(1).

** Reporting to Environment Canada is required for any releases exceeding the regulated limits, RL, of 9.2 materials (primary or secondary). The regulated limits are found in Schedule XIII of the TDGR.

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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15. REGULATORY INFORMATION		(Information continued on next page)
COMPONENTS:	Toluene	Solvent Naphtha (Petroleum) Light Aliphatic
OSHA Target Organs:	Eyes, Skin, Mucous membranes, Lungs, Liver, Kidneys & Central Nervous System	Eyes, Skin, Lungs & Central Nervous System
Carcinogenic Potential:		
Regulated by OSHA:	No	No
Listed on NTP Report:	No	No
Listed by IARC:	Yes	No
IARC Group:	Group 3	Not applicable
ACGIH Appendix A:	Yes (A4)	Not listed
A1 Confirmed Human:	Not applicable	Not applicable
A2 Suspected Human:	Not applicable	Not applicable
U.S. EPA Requirements		
Release Reporting		
CERCLA (40 CFR 302)		
Listed Substance:	Yes	Not listed
Reportable Quantity:	1,000 pounds	Not applicable
Category:	C	Not applicable
RCRA Waste No.:	U270	Not applicable
Unlisted Substance:	Not applicable	Yes
Reportable Quantity:	Not applicable	100 pounds
Characteristic:	Not applicable	Ignitibility
RCRA Waste No.:	Not applicable	D001
SARA TITLE III		
Section 302 & 303 (40 CFR 355):		
Listed Substance:	Not listed	Not listed
Reportable Quantity:	Not applicable	Not applicable
Planning Threshold:	Not applicable	Not applicable
Section 311 & 312 (40 CFR 370):		
Hazard Categories (product):	Fire: <u>Y</u> Sudden Release of Pressure: <u>N</u> Reactive: <u>N</u> Acute Health: <u>Y</u> Chronic Health: <u>Y</u>	
Planning threshold:	10,000 pounds	10,000 pounds
Section 313 (40 CFR 372):		
Listed Toxic Chemical:	Yes	Not listed
Reporting Threshold:	10,000 pounds	Not applicable
U.S. TSCA Status		
Listed (40 CFR 710):	Yes	Yes
State Regulations		
State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):		
Carcinogen:	No	No
Reproductive Toxin:	Yes	No
Other Regulations		
State Right To Know Laws:	MA, NJ, PA, CA	
Canadian Regulations		
Product Information:		
Controlled Product:	Yes	
WHMIS Hazard Symbols:	Flammable Liquid; Material Causing Other Toxic Effects	
WHMIS Class & Division:	B.2; D.2A; D.2B	
Ingredient Information:		
IDI Substance:	Yes	No
DSL or NDSL Lists:	DSL	DSL

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PRODUCT IDENTIFIER: Lacquer Thinner 666-B Medium Dry

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15. REGULATORY INFORMATION cont.**COMPONENTS:****OSHA Target Organs:****Acetone**

Eyes, Skin, Mucous membranes, Lungs, Liver, Kidneys & Central Nervous System

Methanol

Eyes, Skin, Mucous membranes, Lungs, Kidneys & Central Nervous System

Carcinogenic Potential:**Regulated by OSHA:**

No

No

Listed on NTP Report:

No

No

Listed by IARC:

No

No

IARC Group:

Not applicable

Not applicable

ACGIH Appendix A:

Not listed

Not listed

A1 Confirmed Human:

Not applicable

Not applicable

A2 Suspected Human:

Not applicable

Not applicable

U.S. EPA Requirements**Release Reporting****CERCLA (40 CFR 302)****Listed Substance:**

Yes

Yes

Reportable Quantity:

5,000 pounds

5,000 pounds

Category:

D

D

RCRA Waste No.:

U002

U154

Unlisted Substance:

Not applicable

Not applicable

Reportable Quantity:

Not applicable

Not applicable

Characteristic:

Not applicable

Not applicable

RCRA Waste No.:

Not applicable

Not applicable

SARA TITLE III**Section 302 & 303 (40 CFR 355):****Listed Substance:**

Not listed

Not listed

Reportable Quantity:

Not applicable

Not applicable

Planning Threshold:

Not applicable

Not applicable

Section 311 & 312 (40 CFR 370):**Planning threshold:**

10,000 pounds

10,000 pounds

Section 313 (40 CFR 372):**Listed Toxic Chemical:**

Not listed

Yes

Reporting Threshold:

Not applicable

10,000 pounds

U.S. TSCA Status**Listed (40 CFR 710):**

Yes

Yes

State Regulations**State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):****Carcinogen:**

No

No

Reproductive Toxin:

No

No

Other Regulations**State Right To Know Laws:**

MA, NJ, PA, CA

Canadian Regulations**Ingredient Information:****IDL Substance:**

Yes

Yes

DSL or NDSL Lists:

DSL

DSL

PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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15. REGULATORY INFORMATION cont.**COMPONENTS:****OSHA Target Organs:****n-Heptane**

Eyes, Skin, Mucous membranes, Lungs & Central Nervous System

Isopropanol

Eyes, Skin, Mucous membranes, Lungs, Liver, Kidneys & Central Nervous System

Carcinogenic Potential:**Regulated by OSHA:**

No

No

Listed on NTP Report:

No

No

Listed by IARC:

No

Yes

IARC Group:

Not applicable

Group 3

ACGIH Appendix A:

Not listed

Yes (A4)

A1 Confirmed Human:

Not applicable

Not applicable

A2 Suspected Human:

Not applicable

Not applicable

U.S. EPA Requirements**Release Reporting****CERCLA (40 CFR 302)****Listed Substance:**

Not listed

Not listed

Reportable Quantity:

Not applicable

Not applicable

Category:

Not applicable

Not applicable

RCRA Waste No.:

Not applicable

Not applicable

Unlisted Substance:

Yes

Yes

Reportable Quantity:

100 pounds

100 pounds

Characteristic:

Ignitability

Ignitability

RCRA Waste No.:

D001

D001

SARA TITLE III**Section 302 & 303 (40 CFR 355):****Listed Substance:**

Not listed

Not listed

Reportable Quantity:

Not applicable

Not applicable

Planning Threshold:

Not applicable

Not applicable

Section 311 & 312 (40 CFR 370):**Planning threshold:**

10,000 pounds

10,000 pounds

Section 313 (40 CFR 372):**Listed Toxic Chemical:**

Not listed

Not listed

Reporting Threshold:

Not applicable

Not applicable

U.S. TSCA Status**Listed (40 CFR 710):**

Yes

Yes

State Regulations**State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):****Carcinogen:**

No

No

Reproductive Toxin:

No

No

Other Regulations**State Right To Know Laws:**

MA, NJ, PA, CA

Canadian Regulations**Ingredient Information:****IDL Substance:**

Yes

Yes

DSL or NDSL Lists:

DSL

DSL

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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15. REGULATORY INFORMATION cont.**COMPONENTS:****OSHA Target Organs:****2-Butoxyethanol**

Eyes, Skin, Mucous membranes, Lungs, Kidneys, Liver, Blood & Central Nervous System

Methyl Ethyl Ketone

Eyes, Skin, Lungs & Central Nervous System

Carcinogenic Potential:**Regulated by OSHA:**

No

No

Listed on NTP Report:

References 13 and 16

No

Listed by IARC:

Not listed

No

IARC Group:

Not applicable

Not applicable

ACGIH Appendix A:

Not listed

Not listed

A1 Confirmed Human:

Not applicable

Not applicable

A2 Suspected Human:

Not applicable

Not applicable

U.S. EPA Requirements**Release Reporting****CERCLA (40 CFR 302)****Listed Substance:**

Not listed

Yes

Reportable Quantity:

Not applicable

5,000 pounds

Category:

Not applicable

D

RCRA Waste No.:

Not applicable

U159

Unlisted Substance:

Not applicable

Not applicable

Reportable Quantity:

Not applicable

Not applicable

Characteristic:

Not applicable

Not applicable

RCRA Waste No.:

Not applicable

Not applicable

SARA TITLE III**Section 302 & 303 (40 CFR 355):****Listed Substance:**

Not listed

Not listed

Reportable Quantity:

Not applicable

Not applicable

Planning Threshold:

Not applicable

Not applicable

Section 311 & 312 (40 CFR 370):**Planning threshold:**

10,000 pounds

10,000 pounds

Section 313 (40 CFR 372):**Listed Toxic Chemical:**

Yes (Glycol Ether Category)

Yes

Reporting Threshold:

10,000 pounds

10,000 pounds

U.S. TSCA Status**Listed (40 CFR 710):**

Yes

Yes

State Regulations**State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):****Carcinogen:**

No

No

Reproductive Toxin:

No

No

Other Regulations**State Right To Know Laws:**

MA, NJ, PA, CA

Canadian Regulations**Ingredient Information:****IDL Substance:**

Yes

Yes

DSL or NDSL Lists:

DSL

DSL

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PRODUCT IDENTIFIER: **Lacquer Thinner 666-B Medium Dry**

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16. OTHER INFORMATION

EPA Registration number: Not applicable

Approved Product Uses: Not applicable

Special Notes:

This product does not contain any component, which the State of California has found to cause cancer.

The State of California lists Toluene as a material, which is known to the State of California to cause birth defects or other reproductive harm.

WARNING: Hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as "autoignition" or "ignition" temperatures. Ignition temperatures decrease with increasing vapor volume and vapor/air contact time and are influenced by pressure changes. Ignition may occur at typical elevated-temperature process conditions, especially in processes operating under vacuum, if subjected to a sudden ingress of air, or outside process equipment operating under elevated pressure if a sudden escape of vapors or mists to the atmosphere occurs. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

SARA section 110: Methyl Ethyl Ketone & Acetone are on the Priority List of CERCLA Hazardous Substances – Respective Health Assessment Ranks: 168 & 173.

DEA: List II – Essential Chemicals; Acetone, Toluene & Methyl Ethyl Ketone.

Additional Toxicity Information: Intentional misuse by deliberate inhalation of high concentrations of Toluene has been shown to cause liver, kidney and central nervous system damage, including hearing loss and visual disturbances.

Subchronic and chronic inhalation studies with Toluene, produces kidney and liver damage, hearing loss and central nervous system damage (brain damage) in laboratory animals.

Exposure to Toluene during pregnancy has demonstrated limited evidence of developmental toxicity in laboratory animals. The effects seen include decreased fetal body weight and increased skeletal variations in both inhalation and oral studies.

Special Instructions:

Store Lacquer Thinner 666-B Medium Dry in a cool, dry, well ventilated area away from heat, sparks, open flames and incompatible materials or products.

Always electrically ground and bond all containers and equipment before transferring.

The empty containers are hazardous. After the containers have been emptied, they can contain flammable residues and flammable / explosive vapors. Do not cut, puncture or weld on or near these containers.

MSDS Revision Information: Information Revised This Issue Date: **Up-dated section 14.**

Form Revision made 2/03/06

MSDS Distributed by: Brenntag Pacific, Inc.

NW Environmental Department

Phone: 503-242-0200 FAX: 503-412-3390

Prepared By: Edward Doheny

Date Prepared: July 17, 2006

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