SAFETY DATA SHEET

DATE PRINTED	3/4/2016
SDS REF. No :	LT-102

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LACQUER THINNER
Product Code: LT-102

Manufacturer
LANCO MFG.CORP.
URB. APONTE # 5

SAN LORENZO, PUERTO RICO, 00754
787-736-4221

24 HR. Emergency Telephone Number
CHEMTREC (US Transportation):1 (800)424-9300
CHEMTREC (International Transportation) : 1(703)527-3887

2. HAZARDS IDENTIFICATION

Classification (substance or mixture):
Category 2 (Flammable liquid)
Category 4 Acute Toxicity, Inhalation
Category 2 Skin Corrosion / Irritation
Category 2 Serious damage/eyes irritation
Category 1 Germ Cell Mutagenicity
Category 2 Toxic to Reproduction
Category 3 Target organ Systemic Toxicity (single exposure)
Category 2 Target organ Systemic Toxicity (Repeated exposure)
Category 1 Aspiration toxicity

GHS Label Elements:

Signal Word: Danger

Hazard Statements:
H370 Causes damage to organs .
H361 Suspected of damaging fertility or the unborn child .
H340 May cause genetic defects
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.
H225 Highly flammable liquid and vapor.

H373 May cause damage to organs through prolonged or repeated exposure.
H332 Harmful if inhaled.

Precautionary Statement:
P281 Use personal protective equipment as required.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P271 Use only outdoors or in a well-ventilated area.
P270 Do not eat, drink or smoke when using this product.
P264 Wash hands thoroughly after handling.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P243 Take precautionary measures against static discharge.
P242 Use only non-sparking tools.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P240 Ground/bond container and receiving equipment.
P202 Do not handle until all safety precautions have been read and understood.
P201 Obtain special instructions before use.
P233 Keep container tightly closed.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
*Methylbenzene	60% to 70%	108-88-3
*2 Butanone	10% to 20%	67-64-1
*Methyl Alcohol	10% to 20%	67-56-1
*Methyl Isobutyl Ketone	0.05% to 10%	108-10-1
Propylene Glycol Monomethyl Ether	0.05% to 10%	108-65-6

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

4. FIRST AID MEASURES

Eyes: In case of eye contact, flush with large amount of water for at least 15 minutes. Get medical assistant.

Skin: Immediately wash skin with soap and plenty of water.
Get medical attention if irritation develops or persist.

Ingestion: Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Notes To Physician: Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: Carbone Dioxide, Dry Chemical, Foam, Water Fog.

Unsuitable Extinguishing Media: None Known

Specific Hazard In Case Of Fire: Closed containers may explode when exposed to extreme heat. Vapor may form explosive mixture with air. No unusual fire or explosion hazard noted. keep containers closed when not in use.

Special Protective Equipment And Precaution For Fire Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up an possible auto-ignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

Environmental Precautions: Do not allow spill to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, or smoking. Promptly remove soiled clothing and wash thoroughly before reuse.

Method And Materials For Containment And Cleaning Up: Eliminate ignition source, provide good ventilation, dike spill area and add absorbent earth or sawdust to spilled liquid. Thoroughly wet with water and mix.

Collect absorbent/absorbent water/spilled liquid mixture into metal containers and add enough water to cover. Consult local state and federal hazardous regulation before disposing into approved hazardous waste landfills. Obey relevant law.

7. HANDLING AND STORAGE

Precaution For Safe Handling: Avoid contact with skin, eyes and clothing. Avoid breathing

vapors, spray mist or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions For Safe Storage, Including Incompatibilities: Handle containers carefully to prevent damage and spillage. Incompatible materials: Alkaline materials, strong acid and oxidizing materials.

Store in original containers at temperatures between 5 ºC and 25 ºC. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight. Keep containers tightly closed. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

Exposure Limits

Components	CAS	Limits
Methylbenzene	108-88-3	ACGIH TWA 20 ppm, OSHA TWA 200 ppm OSHA Z1 TWA 100 ppm, STEAL 150ppm NIOSH TWA 100ppm, STEAL 150ppm
2 Butanone	67-64-1	OSHA TWA : 1000ppm , STEAL 1000ppm ACGIH TWA 500 ppm, STEL: 750ppm NIOSH TWA 250ppm
Methyl Alcohol	67-56-1	ACGIH TLV 200ppm , OSHA TWA 200 ppm, OSHA STEL 250 ppm, ACGIH STEL 250 ppm ACGIH TLV 200ppm TWA
Methyl Isobutyl Ketone	108-10-1	ACGIH STEL 75 ppm TWA 20ppm OSHA STEL 75 ppm OSHA TWA 50ppm NIOSH STEL 75 ppm TWA 50ppm

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such system are not effective wear suitable personal protective equipment, which performs satisfactorily and meet OSHA or other recognized standards. Consult with local procedures for selection,

training, inspection and maintenance of the personal protective equipment.

Personal Protective Equipment:

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.

Eyes Protection: Safety glasses with side-shields.

Skin Protection: Chemical -resistance gloves and chemical goggles, face-shield and synthetic apron or coveralls should deb used to prevent contact with eyes, skin or clothing.

Work Hygienic Practices: Ensure shower and eyewash station are available. Use good personal hygiene practices. Wash hand before eating, drinking. Promptly remove soiled clothing and wash thoroughly before reuse.

Other Use Precautions: None

Comments: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear

Flash Point And Method: < 20 °F Seta-flash

Auto-Ignition Temperature: Not available

Boiling Point/Range: Not Available

Melting Point: Not available

Vapor Pressure: Not available

Vapor Density: Heavier than Air

Solubility in Water: Non soluble

Odor: Solvent odor

Upper /Lower Flammable Limits: Not applicable TO No information available.

Relative Density (g/cm3): 0.8488

Evaporation Rate: Slower than Ether

Flammability (Solids, Gas): Not available

Partition Coefficient: Not available

pH: Not applicable

Decomposition Temperature: Not available

Coating VOC (gm/l): 857

Material VOC (gm/l): 737

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Possibility Of Hazardous Reactions: None under normal condition of use.

Conditions To Avoid: Poor ventilation.

Materials To Avoid: Keep away from the following materials to prevent strong exothermic reaction: oxidizing agents, strong alkalis, strong acids.

Hazardous Decomposition Products: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Signs And Symptoms Of Overexposure: No information available.

Acute Effects:

Eye Contact: Cause serious eyes irritation.

Skin Contact: Substance may cause slight skin irritation. Prolonged or repeated contact may cause skin irritation. Allergic reactions are possible.

Inhalation: Harmful if inhaled. High vapor concentration are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion: Aspiration hazard if swallowed; can enter lungs and cause damage. Harmful if swallowed.

Target Organ: No information available.

Chronic Effects: No information available.

Toxicity Values: The acute effects of this product have not been tested. Data on individual components are tabulated below.

TOXICOLOGICAL INFORMATION

2 Butanone(67-64-1)	
LD50 Rat oral	5800 mg/kg
LC50 Rat inhalation	50100 mg/m3, 8hrs
LD50 guinea pig	7426 mg/kg
Methyl Alcohol(67-56-1)	
LD50 Rat Oral	100 mg/kg
LC50 Rat inhalation	5 mg/l
LD50 Rabbit Dermal	300 mg/kg
Methyl Isobutyl Ketone(108-10-1)	
LD50 Rat Oral	2080 mg/kg
LC50 Rat inhalation	8.2-16.4 mg/l
LD50 Rat Dermal	>2000 mg/kg
Methylbenzene(108-88-3)	
LD50 Rat. Oral	>5580 mg/kg
LD50 Rat Inhalation	12500-28800 mg/m3, 4 hrs.
LD50 Rabbit. Dermal	12196 mg/kg

CARCINOGENICITY: The information below indicates whether each agency has listed any ingredient as a carcinogen:

Components	CAS	Carcinogen (IARC)
Methylbenzene	108-88-3	3
Methyl Isobutyl Ketone	108-10-1	2B

12. ECOLOGICAL INFORMATION

Persistence And Degradability: No information available.

Bio-Accumulative Potential: No information available.

Mobility In Soil: No information available.

Other Adverse Effects: No information available.

Eco-toxicological Other Information: No information available.

ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Disposal Method: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and /or state and local guidelines.

14. TRANSPORT INFORMATION

	DOT	**IMDG**	**AIR (IATA)**
UN Number	UN1263	1263	1263
UN Proper Shipping Name	Paint, Flammable liquid	Paint	Paint
Hazard Class	3	3	3
Packing Group	II	II	II
Environmental Hazard	No	No	No
Marine Pollutant (Y/N)	No	No	No

15. REGULATORY INFORMATION

U.S. Regulations:
U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 Hazard Categories: Hazardous Information
Fire: Yes **Pressure Generating:** No
Reactivity: No **Acute:** Yes **Chronic:** Yes

313 Reportable Ingredients: This product contains a chemical or chemicals which are subject to the reporting requirements of section 313 of title 40 CFR 372.

313 REPORTABLE INGREDIENTS

Chemical Name	Weight %	CAS
*Methylbenzene	67.5828	108-88-3
*2 Butanone	13.0505	67-64-1
*Methyl Alcohol	11.237	67-56-1
*Methyl Isobutyl Ketone	4.7103	108-10-1

302/304 Emergency Planning

Emergency Plan: No

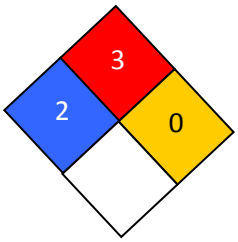
State Regulations: No

Other Govt. Regulations: No

16. OTHER INFORMATION

HMIS RATING	
Health :	2
Flammability :	3
Reactivity :	0
Personal Protection :	H

NFPA CODES



DATE CREATED	06-12-15

Revision Indicator: None

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