SAFETY DATA SHEET
LIGHT LIQUID PARAFFIN

DATE: 12/09/2014

SECTION 1- IDENTIFICATION OF THE SUBSTANCEAND OF THE COMPANY

1.1 Identification of the substance

- **Substance Name** : Paraffin Oils
- **EC#** : 232-384-2
- **CAS#** : 8012-95-1
- **Trade name** : LIGHT LIQUID PARAFFIN
- **REACH Pre –Registration No.** : 05-2116478757-24-0000
- **Chemical Formula** : Not Available
- **Structure** : Not Available

1.2 Use of The Substance/Mixture

- Used In Manufacturing Of Substances
- Used As Intermediate
- Used In Formulation And (Re) Packing Of Substances And Mixture
- Uses In Coating
- Used In Metal Working Fluid / Rolling Oil
- Use As Binders And Release Agents
- Use In Agrochemicals
- Use In Road And Construction Applications
- Use In Rubber Production And Processing
- Use In Polymer Processing
- Use As Lubricants
- Use Water Treatment Chemicals
- Use As Laboratory Reagent

1.3 Company/undertaking identification

- **Manufacturer Details** : PANAMA PETROCHEM LTD.
  PLOT NO. 3303, GIDC ESTATE,
  ANKLESHWAR – 393 002 (INDIA)
  PHONE: +91 2646 221068/225281

- **Only Representative Details** : MOMAJA S.R.O.
  ELC GROUP
  KRAKOVSKA 9, PRAGUE 1, 11000
  PHONE: +420 22 491 0000
  FAX: +420 22 491 0671

1.4 Emergency Telephone

- **Emergency Telephone & Contact** : +91 2646 221068 / 250281
  E-mail ID: ankl@panamapetro.com

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of substance as per CLP

2.1.1 Classification according to regulation (EC) # 1272/2008 (CLP/GHS) :
There is no harmonized classification and labeling, not listed in Regulation (EC) No. 1272/2008 (Annex VI, table 3.1)

2.1.2 Classification according to Directive 67/548/EEC (DSD):
There is no harmonized classification and labeling, not listed in Regulation (EC) No. 1272/2008 (Annex VI, table 3.2)

2.2 Labeling:
2.2.1 Classification according to Regulation (EC) # 1272/2008 (CLP/GHS):

There is no harmonized classification and labeling, not listed in Regulation (EC) No. 1272/2008 (Annex VI, table 3.1)

2.2.2 Labeling according to Directive 67/548/EEC (DSD) :
There is no harmonized classification and labeling, not listed in Regulation (EC) No. 1272/2008 (Annex VI, table 3.2)

2.3 Other Hazards: Not Known

SECTION 3 – COMPOSITION / INFORMATION OF INGREDIENTS

Constituent	CAS No.	EC No.	Typical Concentration	Concentration Range	Remarks
Paraffin Oils	8012-95-1	232-384-2	99.99% v/v	>= 99.5 <=99.9% v/v	None
Impurity	**CAS No.**	**EC No.**	**Typical Concentration**	**Concentration Range**	**Remarks**
-	-	-	-	-	None

SECTION 4 – FIRST AID MEASURES

4.1 Description Of First Aid Measures:

- **Eye Contact** : If the eyes are affected, irrigate them immediately with Copious amounts of water. If irritation occurs and persists, obtain medical advice.
- **Skin Contact** : Where significant skin contact has occurred, wash affected areas thoroughly With water, using soap if available. Contaminated clothing should be removed As soon as possible, and affected skin areas washed thoroughly.
- **Inhalation** : If a person breathes in large amounts of this substance, move the espoused Person to fresh air at once. Keep the affected person warm and at rest. Get Medical attention immediately.
- **Ingestion** : If ingested do not induce vomiting. Obtain medical advice immediately. **Aspiration:** If there is any suspicion of aspiration of this substance either directly or as a result of vomiting obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed
Not defined

4.3 Indication of any immediate medical attention and special treatment needed
Treat according to the symptoms.

SECTION 5 – FIRE-FIGHTING MEASURES

5.1 Extinguishing media:
Effective extinguishing agents are dry chemical powder, foam, or carbon dioxide.
For small fires, sand or earth may be useful for smothering the fire.

5.2 Special Hazards arising from the substance or mixture:

- **Flammability of the Product** : Combustible Liquid
- **Auto- Ignition Temperature** : >200°C
- **Flash Point** : >190°C
- **Flammable Limits** : No data available

- **Products of Combustion** : No data available

5.3 Advice for Fire-Fighters

Source of ignition should be avoided in areas where the substance is stored, handled or used.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, Protective equipment and emergency procedures:

- **Personal Protective Equipment** : All equipment used when handling the products must be grounded. Use clean non-sparking tools to collect absorbed material.
- **Skin Protection** : Avoid contact with skin. Wear protective clothes during handling product.
- **Respiratory Protection** : Avoid breathing vapors, mist or gas.
- **Work Practice** : Stop leak if you can do it without risk. Eliminate all ignition sources (No smoking, flares, sparks or flames in immediate area.)

6.2 Environmental Precautions:

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning:

Spillage: Prevent entry into waterways, sewers, basements or confined areas
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Use clean non-sparking tools to collect absorbed material.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling:

- Individuals handling or using this substance should be advised of the hazards, proper procedures and precautions, including health effects and recommendations for emergency treatment.
- Provide appropriate exhaust ventilation at places where mist/aerosol is formed.
- Normal measures for preventive fire protection.

7.2 Conditions for safe storage :

Protect containers against physical damage.

7.3 Specific end use (s):

As mentioned in section 1.2.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters:

- **Threshold Limit Values** : 5mg/m^3

8.2 Exposure Control:

- **Engineering Measures:**

- Should be sufficient to reduce exposures below the workplace Standards for mineral oil components established by the national Regulations to the lowest level achievable.
- Where significant aerosol or vapor is generated and cannot be eliminated through engineering modifications, local / general exhaust ventilation should be installed to reduce airborne concentrations.

- **Respiratory Protection :**

- Respiratory protection should be used in accordance with company and applicable national regulatory requirements.
- Respiratory protection should be used to supplement the engineering controls and work practices.

- Persons should not be assigned to tasks requiring the use of respirators unless it has been determined they are physically able to perform the work and are trained to use the equipment.

➢ **Hand Protection :**

- Suitable protective clothing should be in accordance with national, or regional standards and regulations.

➢ **Eye Protection :**

- Where there is a possibility that splashing may occur. goggles or a face shield should be worn to avoid eye contact.

➢ **Skin Protection :**

- Repeated or prolonged skin contact should be avoided to prevent drying, cracking, irritation, dermatitis or more serious skin problems.
- If such contact is likely, impervious gloves or other protective clothing should be worn to avoid skin contact.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

9.1 General Information:

➢ **Physical State**	:	Liquid
➢ **Color**	:	<0.5
➢ **Odour**	:	odorless

9.2 Important Health, Safety and Environmental Information:

➢ **pH**	:	Neutral
➢ **Molecular weight**	:	Not Defined
➢ **Melting Point/ Freezing Point**	:	<-12°C
➢ **Auto Ignition Point**	:	>200°C
➢ **Density @ 29.5°C**	:	0.825 - 0.855 gm/ml
➢ **Vapour Pressure**	:	<0.1hPa(20°C)
➢ **Viscosity @ 40°C**	:	12.5 -16.5 cSt
➢ **Volatility**	:	Not Available
➢ **Solubility**	:	Insoluble in water and soluble in Petroleum Solvents.
➢ **Log P_0/ W**	:	Not Available

SECTION 10 – STABILITY AND REACTIVITY

➢ **Reactivity**	:	No dangerous reaction known under condition of normal use
➢ **Chemical stability**	:	Stable under normal conditions for storage and Handling.
➢ **Possibility of Hazardous Reactions**	:	Not Reported
➢ **Conditions to avoid**	:	Keep away from fire ,sparks and heated surfaces
➢ **Hazardous Decomposition Products**	:	No hazardous decomposition
➢ **Incompatible materials**	:	No Data Available

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

- Acute Toxicity:

SR.NO.	ROUTE	TYPE OF VALUE	SPECIES	VALUE
1.	Oral	LD 50	Rat	>=5000mg/kg
2.	Inhalation	LC 0	Rat	210mg/m³
3.	Dermal	LD 50	Rabbit	>=2000mg/kg

11.2 Information Corrosion:

- No skin irritation effect.(OECD 404,405)
- May be mild, reversible ocular irritation effect was reported.

11.3 Sensitization:

- No skin sensitizing.(OECD 406)

11.4 CMR Effects (Carcinogenicity, mutagenicity and toxicity for reproduction.)

- **Carcinogenicity** : No Classified as carcinogen(OECD451,453)
- **Mutagenic Effects** : No Classified as mutagen
- **Reprotoxic Effects** : No Classified as reprotoxic

11.5 Other Toxic Effects on Humans:

- **Inhalation** : No Data Available
- **Eye** : No Data Available
- **Ingestion** : No Effect
- **Acute Oral Toxicity** : No Data Available

11.6 NIOSH Immediately Dangerous To Life or Health Concentration (IDLH):

- No Information Available

11.7 Specific Target Organ Toxicity:

- **Single Exposure** : **No Data Available**
- **Repeated Exposure** :

Sr. No	Rout	Type of Value	Species	Value
1.	Oral	LOAEL	Rat	25000 ppm (962mg/kg bw/day – male: 1135mg/kg bw /day-females)
2.	Inhalation	LOAEL	Rat	100 mg/m³

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

- No Information Available

12.2 Persistence and Degradability:

- No Information Available

12.3 Bioaccumulative Potential:

- No Information Available

12.4 Mobility In soil:

- The product is insoluble in water and not volatile product can penetrate soil until reaching the surface of ground water . degradation occurs extremely slowly under an aerobic conditions.

12.5 Results of PBT And vPvB Assessment:

- The substance is not considered to be persistent. Bio accumulating nor toxic (PBT).This substance is not considered to be very persistent nor very bio accumulating(vPvB).

12.6 Other adverse Effects:

- No Information Available

SECTION 13 – DISPOSAL CONSIDERATIONS

- This substance, when discarded or disposed of, is a hazardous waste. The transportation, storage, treatment and disposal of this material must be conducted in compliance with local regulation for hazardous wastes.
- Disposal can occur only in properly permitted facilities. Check state and local regulation of any additional requirements for disposal conditions.

SECTION 14 – TRANSPORT INFORMATION

- Not dangerous goods in the meaning or RID/ADR, ADNR, IMDG – Code, ICAO/IATA-DG
  - **UN Number** : Not Regulated
  - **UN Proper Shipping Name** : Not Regulated
  - **Transport Hazard Class** : Not Regulated
  - **Packing Group** : Not Regulated
  - **Environmental Hazards** : Not Regulated

- **Additional Transport Information:**
  - A number of restrictions may apply to substance subject to transport classifications. Please refer to the appropriate regulation for specific details regarding classifications requirements and restrictions.

SECTION 15 – REGULATORY INFORMATION

- **Symbol(s)** : Not Classified
- **Water Contaminating Class** : Not Classified

15.1 Other Regulatory Information:

- This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
- Safety, Health and Environmental Regulations / Legislation Specific For the Substance or Mixture
- Control Of substance Hazardous to Health Regulations (COSHH) 2002 SI 2002/2677 and COSHH Essentials: Easy steps to control chemicals – Control of Substances Hazardous to Regulations HSG 193.
- **Inventory Status**
  - Listed in : Australia (AICS), Canada (DSL/NDSL), European Union (EINECS/ ELINCS), Philippines (PICCS)

HMIS (Hazardous Materials Identification System)

Health	1
Fire	**1**
Reactivity	0
Personal Protection	B

1 = Temporary Or Minor Injury May Occur

1 = Materials that must be preheated before ignition will occur. Includes Liquids, solids and semi solids having a Flash Point above 200°F

0 = Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense or self – react. Non – Explosives.

B =  Safety Glasses +  Gloves

NFPA (National Fire Protection Association)

Health	**2**
Fire	**1**
Reactivity	**0**
Personal Protection	

2 = Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual Injury.

1 = Materials that require considerable preheating under all ambient temperature conditions before ignition and combustion can occur (e.g. mineral oil).
Includes some finely divided suspended solids that do not require heating before ignition can occur. Flash Point at or above 93°C (200°F)

0 = Normally stable, even under fire exposure conditions, and are not reactive with water.

15.2 Chemical Safety Assessment:

- A chemical safety assessment has been carried out for the substance or the mixture by the supplier (LR) – No

SECTION 16 – OTHER INFORMATION

- The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for Safe Handling, Use, Processing, Storage, Transportation, Disposal and Release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

16.1 Technical Advice:

- Use data given in this Safety Data Sheet and make an inventory list o all chemicals used in the factory.
- Create a Register for Workplace Chemicals.
- Set Priorities concerning the safety in the organization.
- Create emergency plans for the assessed hazards.
- Organize occupational health care and regular surveys as necessary.
- Organize contacts with authorities / laboratories to create a monitoring system for chemical hazards and to reliably measure and or estimate occupational exposures to chemicals when needed.
- Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards.
- Involve workers in safety organizations, such as the system of Safety Representatives and Committees.
- Do regular inspection using checklists made for the particular chemicals and chemical processes in use.
- Mark and label all chemicals.
- Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of chemical Safety Data Sheet for these chemicals.
- Train workers to read and understand the Chemical Safety Information, including the Health Hazards and routes of exposure. Train them to handle dangerous chemicals and processes with respect.
- Plan, Develop and Choose the safe working Procedures.
- Reduce the number of people coming into contact with dangerous chemicals.
- Reduce the length of time and or frequency of exposure of worker to dangerous chemicals.
- Train workers to know and understand the emergency procedures.
- Equip and train workers to use personal protective equipment properly after everything possible has been done to eliminate hazards by means of other methods.

16.2 List of Relevant R-Phrases

- There is no harmonized classification and labeling. Not listed in Regulation (EC) No 1272/2008 (Annex VI, Table 3.2)

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