

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.04.2010

Revision: 23.04.2010

1 Identification of the substance/preparation

· **Product details**

· **Trade name:** Wax for Motion Lamp, Model No.: LP02-MLW1

· **Article number:**

LP-10A/B, LP-20A/B, LP-30A/B/C/D/E/F, LP-40A/B, LP-50A/B, LP-60A/B, LP-70A/B, LP-80A/B, LP-90A/B, LP-100A/B, LP-1004/1005, LP-110A/B, LP-120A/B, LP-130A/B, LP-140A/B, LP-150A/B, LP-160A/B, LP-170A/B/C,

LP-180A/B, LP-190A/B, LP-200A/B/C, LP-210A/B, LP-220A/B, LP-230A/B, LP-240A/B, LP-250A/B, LP-260A/B/C/D, LP-270A/B, LP-280A/B, LP-290A/B, LP01-3001/3002, LP01-3101/3102, LP-3201/3202, LP-330A/B, LP-3401/3402,

LP-350A/B, LP-360A/B, LP-370A/B, LP-380A/B, LP-390A/B, LP-400A/B, LP-410A/B, LP-420A/B, LP-430A/B, LP-440A/B, LP-450A/B, LP-460A/B, LP-470A/B, LP-480A/B, LP-490A/B, LP-500A/B

· **Application of the substance / the preparation** Refer to description of material or preparation

· **Manufacturer/Supplier:**

Lipan Industrial Co., Ltd.
7F-I, No.322, Sec.4, Chung-Shiao E. Road, Taipei, Taiwan, R.O.C.

· **Information in case of emergency:**

Tel: 886-2-2771-2251

Fax: 886-2-2771-2254

2 Hazards identification

· **Hazard description:**



N Dangerous for the environment

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 64 May cause harm to breastfed babies.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **Additional information:**


The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

3 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 85535-85-9	alkanes, C14-17, chloro	 N; R 50/53-64-66	10,0%
EINECS: 287-477-0			
Index number: 602-095-00-X			

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

EU

(Contd. on page 2)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.04.2010

Revision: 23.04.2010

(Contd. of page 1)

4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves n.a.**
- **Penetration time of glove material n.a.**

(Contd. on page 3)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.04.2010

Revision: 23.04.2010

(Contd. of page 2)

· **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

· General Information

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 100°C

· **Flash point:** 220°C

· **Ignition temperature:** 300°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapour pressure at 20°C:** 23 hPa

· **Density:** Not determined.

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

· **Solvent content:**
VOC (EC) 0,50 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

12 Ecological information

- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

(Contd. on page 4)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.04.2010

Revision: 23.04.2010

(Contd. of page 3)

Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 9 Miscellaneous dangerous substances and articles.
- **Danger code (Kemler):** 90
- **UN-Number:** 3082
- **Packaging group:** III
- **Hazard label:** 9
- **Special marking:** Symbol (fish and tree)
- **Description of goods:** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro)

· **Maritime transport IMDG:**



- **IMDG Class:** 9
- **UN Number:** 3082
- **Label** 9
- **Packaging group:** III
- **EMS Number:** F-A,S-F
- **Marine pollutant:** Yes
Symbol (fish and tree)
- **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro)

· **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 9
- **UN/ID Number:** 3082
- **Label** 9

(Contd. on page 5)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.04.2010

Revision: 23.04.2010

(Contd. of page 4)

- **Special marking:** Symbol (fish and tree)
- **Packaging group:** III
- **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro)

15 Regulatory information

- **Labelling according to EU guidelines:**
Caution - substance not yet fully tested.
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**
N Dangerous for the environment
- **Risk phrases:**
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
64 May cause harm to breastfed babies.
- **Safety phrases:**
2 Keep out of the reach of children.
24 Avoid contact with skin.
29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
46 If swallowed, seek medical advice immediately and show this container or label.
57 Use appropriate container to avoid environmental contamination.
60 This material and its container must be disposed of as hazardous waste.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
64 May cause harm to breastfed babies.
66 Repeated exposure may cause skin dryness or cracking.
- **Department issuing MSDS:**
n.a. = nicht anwendbar / n.v. = nicht verfuegbar / n.g. = nicht geprueft / k.D.v. = keine Daten vorhanden.