

Material Safety data sheet  
According to 91/155 EC

printing date: 03.25.2003  
03.25.2003

Reviewed on:

## 1 Chemical product and company identification

Product name:

Trade name: **CLEANER LPN**

Identification number:

**Product use/Class:** Shoe cleaner

Supplier:

IEXI S.R.L.

Piazza P. Uccello,5

50142 Firenze – Italia

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Preparer:

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## 2 Composition/information on ingredients

Preparation:

Water based wax formulation

**Hazardous components for the health within the meaning of EEC directive 67/548 and corresponding classification:**

Dangerous components:			
EC NUMBER <b>265-150-3</b>	Mixture of n-,i-and cyclo aliphatic hydrocarbons	<b>Xn, R 65-66</b>	<b>25-50%</b>

## 3 Hazards identification

Hazard designation:



Xn harmful

Information pertaining to particular dangers for man and environment

**R65 Harmful: may cause lung damage if swallowed.**

Classification system:

The classification is in line with current EC list. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 4 First aid measures

General information:

**Take affected persons into the open air. Instantly remove any clothing soiled by the product. Keep warm, position comfortably and cover well.**

**Seek medical treatment.**

After inhalation: **Supply fresh air and call for doctor for safety reasons. In case of unconsciousness bring patient into stable side position for transport.**

After skin contact: **Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.**  
After swallowing: **Do not induce vomiting. Call a doctor immediately.**

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Information for doctor:

The following symptoms may occur: **Headache - Dazed - Gastric or intestinal trouble**

Treatment: **Drink copious amounts of water with added activated carbon. If swallowed or in case of vomiting, danger of entering the lungs.**

**Do not give milk or fatty oils.**

5 Fire fighting measures

Suitable extinguishing agent: **C02, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.**  
For safety reasons unsuitable extinguishing agent: **water with a full jet.**

Special hazards caused by the material, its products of combustion or flue gases:  
**Can be released in case of fire: Carbon monoxide (CO)**

Protective equipment: **None.**

6 Accidental release measure

Person-related safety precautions: **Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles.**

Measures for environmental protection: **Treat using the best available techniques before discharge into drains or the aquatic environment. If material reaches soil, water bodies or sewage system inform authorities responsible for such cases.**

Measures for cleaning/collecting: **Collect spilled material in container. Wash away remainder with water and soap. Disposal in accordance with the local legislation.**

7 Handling and storage

Handling

Information for safe handling: **Handle in accordance with good occupational hygiene safety practice and only in well ventilation areas. Keep away source of ignition-No smoking.**

Storage: **Keep only in the original container.**

Further information about storage conditions: **Keep container tightly sealed.**

8 Exposure controls and personal protection

Engineering controls: **Use only in a well ventilated areas.**

Hygienic measures: **When using do not eat, drink or smoke. Wear suitable gloves.**

Other protective equipment: **None**

Occupational Exposure Limit:

<b>265-150-3 Mixture of n-,i-and cyclo aliphatic hydrocarbons</b>
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MAC : TWA - 8 hours: 1200 mg/m <sup>3</sup> , (197ppm), (supplier)
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Personal protective equipment: **Not required a special protective measure for a normal use.**

Respirators: **In case of intensive or longer exposure use a breathing filter apparatus type A.**  
Hands: **In case of intensive spilling use PVC gloves or Neoprene gloves.**

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## 9 Physical and chemical properties

General Information	
Form:	<b>liquid</b>
Colour	<b>Colourless</b>
Odore:	<b>Characteristic</b>
Boiling Point:	<b>100 °C</b>
Specific Gravity/Density: (h2O)=1	<b>0.88 g/cm<sup>3</sup></b>
PH:	<b>Not applicable</b>
Water solubility:	<b>Soluble</b>
Solubility in other ingredients:	<b>Not applicable</b>
Solubility in organic solvents:	<b>Not applicable</b>
Vapor pressure:	<b>23hPa</b>
Evaporation rate:	<b>Not applicable</b>
Viscosity:	<b>Not flammable</b>
Flammability:	<b>Not applicable</b>
Flash point:	<b>21-55°C</b>
Explosive properties:	<b>Not applicable</b>
Autoignition temperature:	<b>Not applicable</b>
Partition Coefficient:	<b>Not determinated</b>

## 10 Stability and reactivity

Stability: **Stable under normal storage condition.**  
Condition to avoid: **Keep away from ignition and heat.**  
Incompatibility with other materials: **Strong oxidizers and bases.**  
Hazardous polymerization: **None.**

## 11 Toxicological information

In according to paragraph 2 can be applied the following risk phrases:

**Irritating for eyes and skin.**

Primary irritant effect:

On the eye:

**Not expected to present a hazard in normal industrial use: May cause transient mechanical irritation with tearing..**

Ingestion:

**May cause nausea and vomit..**

Inhalation:

**May cause headache.**

On the skin:

**Avoid often or continue skin contact. May cause irritant to skin.**

**Trade name:**

Mixture of n-,i-and cyclo aliphatic hydrocarbons"

Acute toxicity:

Oral: (LD50) >5000mg/kg (rat)

On the skin: (LD50) >**3000mg/kg (rab)** ).

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12 Ecological information

In according to paragraph 2 the product it is classified not dangerous for enviroment.

13 Disposal consideration

Product: Send the product to authorised disposal plant. Dispose in accordance with local and national regulation

Packing: **Do not consider the container as domestic refusals.**

14 Transport information

Road: ADR/RID **Not applicable**

Maritime transport IMDG. **Not applicable**

Marine pollutant: **No**

Air transport ICA 0-TI e IA TA DGR: **Not applicable**

15 Regulatory information

Designation according to EC guidelines: 67/548/EC-99/45/EC.

Xn harmful

Risk phrases:

**R65: Harmful. May cause lung damage if swallowed**

Safety phrases:

**23 Do not breathe fumes/aerosol**

**24 Avoid contact with skin**

**62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label**

Other information: **In according with EC Directive 67/548/EC (enclosed I, note 4) it is not classified: "Harmful , may cause lung damage if swallowed."**

National regulations:

Water hazard class: **Water hazard class 1 (WGK1) (Assessment by list): slightly hazardous for water.**

## 16 Other information

Relevant R-phrases

**R65: harmful: may cause lung damage if swallowed**

**These data are based on our present knowledge: However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.**

Contact:

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