

# SAFETY DATA SHEET

## ANTILUX 654



Version 1.0      Revision Date: 2019/03/08      SDS Number: 103000010481      Date of last issue: -  
Country / Language: HK / 6N

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ANTILUX 654

Product code : 04984048

#### Manufacturer or supplier's details

Supplier : 朗盛香港有限公司  
港島東 英皇道 979 號 太古坊  
康橋大廈 35 樓 3503-3504 室, 香港

Telephone : +85235268888

E-mail address of person responsible for the SDS : lxs-sds-china@lanxess.com

Emergency telephone number : 0049-214-30-99300 (German)

Supplier : LANXESS Hong Kong Limited  
Suites 3503-3504, 35/F Cambridge House  
TaiKoo Place, 979 King's Road Island East, Hong Kong, Hong Kong

Telephone : +85235268888

E-mail address of person responsible for the SDS : lxs-sds-china@lanxess.com

Emergency telephone : 0049-214-30-99300 (German)

#### Recommended use of the chemical and restrictions on use

Recommended use : ozone protection agent

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### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards which do not result in classification

None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

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Chemical nature : blend, paraffin

### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Paraffin waxes and Hydrocarbon waxes	8002-74-2	>= 90 - <= 100

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### 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and water.  
Take off contaminated clothing and shoes immediately.  
Wash contaminated clothing before re-use.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
- Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician : No special measures required.
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### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide
- Specific extinguishing methods : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local cir-
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cumstances and the surrounding environment.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid dust formation.

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 7. HANDLING AND STORAGE

#### Handling

Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.

Advice on safe handling : For personal protection see section 8.

#### Storage

Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

Recommended storage temperature : < 40 °C

Further information on storage stability : No decomposition if stored and applied as directed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Paraffin waxes and Hydrocarbon waxes	8002-74-2	OEL-TWA (Fumes)	2 mg/m <sup>3</sup>	HK OEL
		TWA	2 mg/m <sup>3</sup>	ACGIH

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		(Fumes)		
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### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection  
Material : Nitrile rubber - NBR  
Wearing time : < 60 min

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Pastilles

Colour : light blue

Odour : odourless

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : 62 °C

Boiling point/boiling range : No data available

Flash point : > 248 °C  
Method: DIN ISO 2592, open cup  
> 200 °C  
Method: closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit : No data available

Vapour pressure : < 0.01 hPa (20 °C)

Relative vapour density : No data available

Relative density : No data available

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Density : 0.92 g/cm<sup>3</sup> (20 °C)

Solubility(ies)  
Water solubility : insoluble

Partition coefficient: n-octanol/water : No data available

Ignition temperature : > 300 °C

Decomposition temperature : 300 °C

Viscosity  
Viscosity, kinematic : 5.7 - 6.3 mm<sup>2</sup>/s (100 °C)

Explosive properties : No data available

Oxidizing properties : No data available

Molecular weight : No data available

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### 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.  
Stable under recommended storage conditions.  
No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : No specific data.

Hazardous decomposition products : No hazardous decomposition products are known.

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### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Components:

#### Paraffin waxes and Hydrocarbon waxes:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

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Remarks: Dosage caused no mortality

Acute inhalation toxicity : LC50 (Rat): > 210 mg/m<sup>3</sup>  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 3,600 mg/kg  
Remarks: Dosage caused no mortality

### **Skin corrosion/irritation**

Not classified based on available information.

#### **Components:**

##### **Paraffin waxes and Hydrocarbon waxes:**

Species: Rabbit  
Result: No skin irritation

### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Components:**

##### **Paraffin waxes and Hydrocarbon waxes:**

Result: No eye irritation

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

##### **Paraffin waxes and Hydrocarbon waxes:**

Exposure routes: Skin contact  
Species: Guinea pig  
Result: Did not cause sensitisation on laboratory animals.

### **Germ cell mutagenicity**

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### **Carcinogenicity**

Not classified based on available information.

### **Reproductive toxicity**

Not classified based on available information.

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### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Repeated dose toxicity

#### Components:

#### Paraffin waxes and Hydrocarbon waxes:

Species: Rat, male and female  
NOAEL: 1,850 mg/kg  
Application Route: Oral  
Exposure time: 90 d  
Dose: 1850 mg/kg  
Remarks: Chronic toxicity

#### Aspiration toxicity

Not classified based on available information.

#### Further information

#### Product:

Remarks: No data available

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

#### Paraffin waxes and Hydrocarbon waxes:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates : EL50 (Pimephales promelas (fathead minnow)): > 10,000 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
GLP: yes  
Remarks: Fresh water

Toxicity to algae : EL50 ( Pseudokirchneriella subcapitata (microalgae)): > 1,000 mg/l  
Exposure time: 72 h  
Remarks: Fresh water

Toxicity to fish (Chronic tox- : NOEC: > 1,000 mg/l

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icity)      Exposure time: 28 Days  
Species: Oncorhynchus mykiss (rainbow trout)  
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: > 1,000 mg/l  
Exposure time: 21 Days  
Species: Daphnia magna (Water flea)  
Remarks: Fresh water

### Ecotoxicology Assessment

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

### Persistence and degradability

#### Components:

##### Paraffin waxes and Hydrocarbon waxes:

Biodegradability : aerobic  
Result: Readily biodegradable.  
Biodegradation: 80 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B  
GLP: yes

### Bioaccumulative potential

#### Components:

##### Paraffin waxes and Hydrocarbon waxes:

Partition coefficient: n-octanol/water : log Pow: 5.3 - 6.7  
Method: measured

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : No data available

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## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : The generation of waste should be avoided or minimised wherever possible.  
This material and its container must be disposed of in a safe way.



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Empty containers retain product residue; observe all precautions for product.  
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

**Hazard statements** : Not dangerous cargo.  
Irritating to the eyes.  
Avoid heat above +40 °C.  
Keep separated from foodstuffs.

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### 15. REGULATORY INFORMATION

#### National regulatory information

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

Further information : Dangerous Goods Ordinance (Cap295)  
Factories and Industrial Undertaking Ordinance (Cap59),  
F&IU (Dangerous Substances) Regulations  
Waste Disposal Ordinance Waster Disposal (Chemical Waste)  
(General) Regulations (Cap354)  
Air Pollution Control Ordinance Air Pollution (Volatile Organic  
Compounds) Regulation (Cap311)  
Code of Practice on Control of Air Impurities (Chemical Sub-  
stance) in the Workplace

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### 16. OTHER INFORMATION

#### Full text of other abbreviations

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
HK OEL	:	Code of Practice on Control of Air Impurities (Chemical Substances) in the Workplace
ACGIH / TWA	:	8-hour, time-weighted average
HK OEL / OEL-TWA	:	Time weighted Average

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