

**Safety Data Sheet dated 18/12/2018, version 9**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

1.1. Product identifier

Trade name: ESSECHLOR L, 30, 30HS, 40, 40HS, 43, 43 HS, 45, 45HS, 47, 51, 53 (C18-C20)  
ESSECHLOR XL 42, 42 HS, 47, 48 (C20-C30)

CAS number: 63449-39-8

EC number: 264-150-0

REACH number: 01-2119494016-38-0007

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

FOR INDUSTRIAL USE

FOR PROFESSIONAL USE

VISCOSITY CONTROLLING AGENT

FOAMING AGENT

LUBES AND ADDITIVES

NON FLAMES-PROPAGATOR SUBSTANCE

STABILIZER

1.3. Details of the supplier of the safety data sheet

Company:

ALTAIR CHIMICA S.p.a.

Via Moie Vecchie 13

56048 Saline di Volterra (PI)

Competent person responsible for the safety data sheet: [sds@altairchimica.com](mailto:sds@altairchimica.com)

1.4. Emergency telephone number

ALTAIR CHIMICA S.p.a. Phone n. +39-0588-9811

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**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

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**SECTION 3: Composition/information on ingredients**

### 3.1. Substances

Trade name: ESSECHLOR L, 30, 30HS, 40, 40HS, 43, 43 HS, 45, 45HS, 47, 51, 53 (C18-C20)  
ESSECHLOR XL 42, 42 HS, 47, 48 (C20-C30)

CAS number: 63449-39-8  
EC number: 264-150-0  
REACH number: 01-2119494016-38-0007

Qty	Name	Ident. Number	Classification
>= 90%	C18-C30 CHLORINATED PARAFFIN	CAS: 63449-39-8 EC: 264-150-0	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

### 3.2. Mixtures

N.A.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.  
Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### 4.2. Most important symptoms and effects, both acute and delayed

None

### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment:

None

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Dry chemical fire extinguisher.

Foaming

Extinguishing media which must not be used for safety reasons:

None in particular.

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

### 5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Provide adequate ventilation.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

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## **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep this product in a dry place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Do not pour the product into other containers. Always use the original container.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

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## **SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

ESSECHLOR - CAS: 63449-39-8

Worker Professional: 450 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects

Worker Professional: 63.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 225 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects

Consumer: 4.5 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, local effects

PNEC Exposure Limit Values

ESSECHLOR - CAS: 63449-39-8

Target: Fresh Water - Value: 0.0029 mg/l

Target: Marine water - Value: 0.00058 mg/l

Target: Freshwater sediments - Value: 5710 mg/kg

Target: Soil (agricultural) - Value: 4640 mg/kg

Target: Microorganisms in sewage treatments - Value: 60 mg/l

8.2. Exposure controls

Eye protection:

Basket eye glasses.

Protection for skin:  
No special precaution must be adopted for normal use.

Protection for hands:  
Use protective gloves that provides comprehensive protection.

Respiratory protection:  
Not needed for normal use.

Thermal Hazards:  
None

Environmental exposure controls:  
None

Appropriate engineering controls:  
None

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance and colour:	Liquid	
Odour threshold:	N.A.	
Melting point / freezing point:	N.A.	
Initial boiling point and boiling range:	>200	
Solid/gas flammability:	N.A.	
Upper/lower flammability or explosive limits:		N.A.
Vapour density:	N.A.	
Flash point:	N.A.	
Evaporation rate:	N.A.	
Vapour pressure:	N.A.	
Relative density:	0.95 - 1.25	
Solubility in water:	INSOLUBLE	
Solubility in oil:	N.A.	
Partition coefficient (n-octanol/water):		N.A.
Auto-ignition temperature:	N.A.	
Decomposition temperature:	N.A.	
Viscosity:	N.A.	
Explosive properties:	N.A.	
Oxidizing properties:	N.A.	

### 9.2. Other information

Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

Can react with metals and alkaline minerals that have a strong affinity with chlorine.

At high temperatures can react with iron, zinc and aluminum anticipating the decomposition.

### 10.4. Conditions to avoid

High temperature.

### 10.5. Incompatible materials

Oxidants, reducing agents.

### 10.6. Hazardous decomposition products

Carbon monoxide, hydrochloric acid.

Thermal decomposition at high temperature will generate irritating vapours.

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Toxicological information of the substance:

ESSECHLOR - CAS: 63449-39-8

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

Test: LD50 - Route: Oral - Species: Rat > 11700 mg/kg

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

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## **SECTION 12: Ecological information**

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

ESSECHLOR - CAS: 63449-39-8

Not classified for environmental hazards

Based on available data, the classification criteria are not met

### 12.2. Persistence and degradability

N.A.

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Other adverse effects

None

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## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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#### **SECTION 14: Transport information**

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
N.A.
- 14.3. Transport hazard class(es)  
N.A.
- 14.4. Packing group  
N.A.
- 14.5. Environmental hazards  
Marine pollutant: No
- 14.6. Special precautions for user  
N.A.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
N.A.

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#### **SECTION 15: Regulatory information**

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Dir. 98/24/EC (Risks related to chemical agents at work)
  - Dir. 2000/39/EC (Occupational exposure limit values)
  - Regulation (EC) n. 1907/2006 (REACH)
  - Regulation (EC) n. 1272/2008 (CLP)
  - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
  - Regulation (EU) 2015/830
  - Regulation (EU) n. 286/2011 (ATP 2 CLP)
  - Regulation (EU) n. 618/2012 (ATP 3 CLP)
  - Regulation (EU) n. 487/2013 (ATP 4 CLP)
  - Regulation (EU) n. 944/2013 (ATP 5 CLP)
  - Regulation (EU) n. 605/2014 (ATP 6 CLP)
  - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
  - Regulation (EU) n. 2016/918 (ATP 8 CLP)
  - Regulation (EU) n. 2016/1179 (ATP 9 CLP)
  - Regulation (EU) n. 2017/776 (ATP 10 CLP)
- Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
  - Restrictions related to the product:  
No restriction.
  - Restrictions related to the substances contained:  
No restriction.
- Where applicable, refer to the following regulatory provisions :
  - Directive 2012/18/EU (Seveso III)
  - Regulation (EC) nr 648/2004 (detergents).
  
  - 1999/13/EC (VOC directive)
  - Dir. 2004/42/EC (VOC directive)
- Provisions related to directive EU 2012/18 (Seveso III):  
N.A.
- 15.2. Chemical safety assessment  
No Chemical Safety Assessment has been carried out for the substance.

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#### **SECTION 16: Other information**

Paragraphs modified from the previous revision:

SECTION 3: Composition/information on ingredients  
SECTION 6: Accidental release measures  
SECTION 8: Exposure controls/personal protection  
SECTION 10: Stability and reactivity  
SECTION 11: Toxicological information  
SECTION 12: Ecological information  
SECTION 15: Regulatory information  
SECTION 16: Other information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ATE: Acute Toxicity Estimate  
ATEmix: Acute toxicity Estimate (Mixtures)  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
CLP: Classification, Labeling, Packaging.  
DNEL: Derived No Effect Level.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
IMDG: International Maritime Code for Dangerous Goods.  
INCI: International Nomenclature of Cosmetic Ingredients.  
KSt: Explosion coefficient.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
N.A.: Not Available  
PNEC: Predicted No Effect Concentration.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
TLV: Threshold Limiting Value.  
TWA: Time-weighted average  
WGK: German Water Hazard Class.