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1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier

Product form : Mixture

Trade name : SEALOR

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

Relevant identified uses : Intended for professional public.

Use of the substance/mixture : Cosmetics : Product intended to create special effect.

1.3 Details of the supplier of the safety data sheet

Company : Maqpro
 2 ter rue Alasseur
 75015 Paris

Phone : 01 42 25 10 11

Mail : maqpro.usine@orange.fr

1.4 Emergency telephone number

France : ORFILA : +33 1 45 42 59 59

2. Hazards identification.

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008. (cf. 16. Other information)


Flam. Liq. 2 H225

Eye Irrit. 2 H319

STOT SE 3 H336

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008.

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- Hazard pictograms :



GHS02

GHS07

- Signal word : Danger
- Hazard-determining components of labelling :

Isopropyl Alcohol, Alcohol Denat.

- Hazard statements :

H225 : Highly flammable liquid and vapour

H319 : Causes serious eye irritation

H336 : May cause drowsiness or dizziness

- Precautionary statements :

P101 : If medical advice is needed, have product container or label at hand

P102 : Keep out of reach of children

P103 : Read label before use

P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 : Keep container tightly closed

P240 : Ground/bond container and receiving equipment

P261 : Avoid breathing dust/fume/gas/mist/vapours/spray

P280 : Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P304+P340+P312 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/a doctor/.../ if you feel unwell


P403+P235 : Store in a well-ventilated place. Keep cool

2.3 Other hazards

No additional information available.

3. Composition/information on ingredients

3.1 Substances

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Not applicable. See section 3.2.

3.2 Mixtures

Classification according to Regulation (EC) No 1272/2008. (cf. 16. Other information)

INCI	CAS	ENEICS	%	Hazard Class and Category Code(s)	Hazard Statement Code(s)
Isopropanol	67-63-0	200-661-7]25%-50%]	Flam. Liq. 2 * Eye Irrit. 2 * STOT SE 3	H225 H319 H336
Ethanol	64-17-5	200-578-6]25%-50%]	Flam. Liq. 2	H225

4. First aid measures

4.1 Description of first aid measures


First aid measures after inhalation :	Remove person to fresh air. Consult doctor in case of symptoms. If unconscious, place in recovery position and seek medical advice.
First aid measures after skin contact :	Wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
First aid measures after eye contact :	Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue rinsing. Get immediately medical advice/attention.
First aid measures after ingestion :	Drink a lot of water. Do not induce vomiting. If symptoms persist : get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Vapours may cause headache, dizziness, emesis.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information.

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5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Alcohol resistant foam. Carbon dioxide. Powerful jet of water.

5.2 Special hazards arising from the substance or mixture

Vapours could be invisible and could be heavier than air and may spread along floors. Vapours may form explosive mixtures with air. The flash back distance could be considerable.

5.3 Advice for firefighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing including breath protection.

Other information : If possible, cool the tank/containers with cool water. Heat causes increase in pressure and risk of bursting.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Do not smoke. Adequate ventilation is necessary. Do not breathe vapour.

6.2 Environmental precautions


Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up

Absorb spilled liquid with sorbent material like clay or diatomaceous earth.

6.4 Reference to other sections

For further information refer to section 7, 8, 13.

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7. Handling and storage

7.1 Precautions for safe handling

Handling : Do not smoke, eat or drink.

Information about fire and explosion protection : Keep ignition sources away. Do not smoke. Sufficient ventilation required to control the formation of steam. Use an explosion-proof electrical equipment.

7.2 Conditions for safe storage, including any incompatibilities.

Store in a cool and well-ventilated area. Protect from sunlight. Keep away from sources of ignition. Do not use aluminum pack, polystyrene pack and rubber pack. Keep tightly closed. Do not store next to auto-flammables and oxidizing agent.

7.3 Specific end use(s)

No additional information available.

8. Exposure controls/personal protection

8.1 Control parameters

▪ Ethanol (64-17-5)

VME - FRANCE : - momentary value : 9500 mg/m³, 5000ppm

- long-term value : 1900 mg/m³, 1000ppm

DNEL : - Professionnal exposure – short time local effect – DNEL/inhalation : 1900 mg/m³

- Professionnal exposure – long time systemic effect – DNEL/cutaneous : 343 mg/kg/day

- Professionnal exposure – long time systemic effect – DNEL/inhalation : 950 mg/m³

- General public exposure – short time local effect – DNEL/inhalation : 950 mg/m³

- General public exposure – long time systemic effect – DNEL/cutaneous : 206 mg/kg/day

- General public exposure – long time systemic effect – DNEL/inhalation : 114 mg/m³

- General public exposure – long time systemic effect – DNEL/oral : 87 mg/kg/day

PNEC : - freshwater : 0.96 mg/L

- sea water : 0.79 mg/L


- freshwater sediment : 3.6 mg/kg sediment dw

- floor : 0.63 mg/kg floor dw

- STP : 580 mg/L

▪ Isopropanol (67-63-0)

DNEL : - Professionnal exposure – long time systemic effect – DNEL/cutaneous : 888 mg/kg/day

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- Professionnal exposure – long time systemic effect – DNEL/inhalation : 500 mg/m³
 - General public exposure – long time systemic effect – DNEL/cutaneous : 319 mg/kg/day
 - General public exposure – long time systemic effect – DNEL/inhalation : 89 mg/m³
 - General public exposure – long time systemic effect – DNEL/oral : 26 mg/kg/day
- PNEC : - freshwater : 140.9 mg/L
- sea water : 140.9 mg/L
 - sediment : 552 mg/kg sediment dw
 - floor : 28 mg/kg floor dw
 - STP : 2251 mg/L
 - Intermittent release : 140.9 mg/L
 - Secondary poisoning : 160 mg/kg food

8.2 Exposure controls

Adequate ventilation is necessary.

- Personal Protection Equipment : Safety glasses. Gloves. Gas mask with filter type A-P2.
- Hand protection : Wear chemical resistant gloves. (nitrile rubber, fluorinated rubber, butyl rubber)
- Eye protection : Wear safety glasses.
- Skin protection : Wear clothes adequate.
- Breath protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Other information : When using, do not eat, drink or smoke


9. Physical and chemical properties

9.1 Information on basic physical and chemical properties.

Appearance :	Viscous liquid.
Odour :	Solvent.
Colour :	Light yellow.
pH-value :	No data available.
Melting point :	No data available.
Relative density :	No data available.
Relative vapour density at 20°C :	No data available.
Boiling point :	No data available.
Flash point :	13°C
Self-ignition temperature :	No data available.
Viscosity :	No data available.
Solubility :	Soluble in water.

9.2 Other information

No additional information available.

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10. Stability and reactivity

10.1 Reactivity

Not specific reactivity.

10.2 Chemical stability

Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

May form peroxides if in contact with air.

10.4 Conditions to avoid

Heat. Flash. Flame. Direct ray of sunshine.

10.5 Incompatible materials

Strong oxidizers. Amine. Aldehyde. Alkanolamine. Alkalis. Strong acid.

10.6 Hazardous decomposition products

In case of fire : carbon oxide.

11. Toxicological information

11.1 Information on toxicological effects


Oral Acute toxicity : No data available.
 Primary irritant effect : No data available.
 Eye Irritation : No data available.
 Specific target organ systemic toxicity (single exposure) : No data available.
 Other toxicological information : No data available.

12. Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

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No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT et vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

13. Disposal consideration

13.1 Waste treatment methods


Product : Dispose of contents in accordance with licensed collector's sorting instructions. Keep the product out of the sewage.

Recommandation about packaging : Dispose of container in accordance with licensed collector's sorting instructions. Do not burn the barrels. Risk of explosion.

14. Transport information

In accordance with ADR/RID/IMDG/IATA/ADN :

- UN number
1993
- UN proper shipping name
(ADR) : FLAMMABLE LIQUID, N.O.S
(IMDG) : FLAMMABLE LIQUID, N.O.S
(IATA) : Flammable liquid, n.o.s
(ADN) : FLAMMABLE LIQUID, N.O.S
(RID) : FLAMMABLE LIQUID, N.O.S
- Transport document description
(ADR) : UN 1993 FLAMMABLE LIQUID, N.O.S (), 3, II, (D/E)
(IMDG) : UN 1993 FLAMMABLE LIQUID, N.O.S (), 3, II
(IATA) : UN 1993 Flammable liquid, n.o.s, 3, II

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(ADN) : UN 1993 FLAMMABLE LIQUID, N.O.S (), 3, II

(RID) : UN 1993 FLAMMABLE LIQUID, N.O.S (), 3, II

- Transport hazard classes :

ADR, IMDG, IATA, ADN, RID : Transport hazard class : 3

ADR, IMDG, IATA, ADN, RID : Danger/Hazard labels : 3

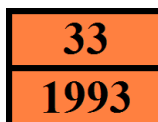
- Packaging Group

ADR IMDG IATA ADN RID : II

- Environmental hazard : None
- Special precautions for user :

- Overland transport


Classification code (ADR) : F1
 Special provisions (ADR) : 274, 601, 640D
 Limited quantities (ADR) : 1I
 Excepted quantities (ADR) : E2
 Packing instructions (ADR) : P001, IBC02, R001
 Mixed packing provisions (ADR) : MP19
 Portable tank and bulk container instructions (ADR) : T7
 Portable tank and bulk container special provisions (ADR) : TP1, TP8, TP28
 Tank code (ADR) : LGBF
 Vehicle for tank carriage : FL
 Transport category (ADR) : 2
 Special provisions for carriage – operation (ADR) : S2, S20
 Hazard identification number (Kemler No.) : 33
 Orange plates :



Tunnel restriction code (ADR) : D/E

- Transport by sea

Special provisions (IMDG) : 274
 Limited quantities (IMDG) : 1L
 Excepted quantities (IMDG) : E2
 Packing instructions (IMDG) : P001
 IBC packing instructions (IMDG) : IBC02
 Tank instructions (IMDG) : T7
 Tank special provisions (IMDG) : TP1, TP8, TP28
 EmS-No (Fire) : F-E

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EmS-No (Spillage) : S-E
 Stowage category (IMDG) : B

- Air transport

PCA Excepted quantities (IATA) : E2
 PCA Limited quantities (IATA) : Y341
 PCA limited quantity max net quantity (IATA) : 1L
 PCA packing instructions (IATA) : 353
 PCA max net quantity (IATA) : 5L
 CAO packing instructions (IATA) : 364
 CAO max net quantity (IATA) : 60L
 Special provisions (IATA) : A3
 ERG code (IATA) : 3H

- Inland waterway transport


Classification code (ADN) : F1
 Special provisions (ADN) : 274, 601, 640D
 Limited quantities (ADN) : 1L
 Excepted quantities (ADN) : E2
 Carriage permitted (ADN) : T
 Equipment required (ADN) : PP, EX, A
 Ventilation (ADN) : VE01
 Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : F1
 Special provisions (RID) : 274, 601, 640D
 Limited quantities (RID) : 1L
 Excepted quantities (RID) : E2
 Packing instructions (RID) : P001, IBC02, R001
 Mixed packing provisions (RID) : MP19
 Portable tank and bulk container instructions (RID) : T7
 Portable tank and bulk container special provisions (RID) :
 TP1, TP8, TP28
 Tank codes for RID tanks (RID) : LGBF
 Transport category (RID) : 2
 Code express (express parcels) (RID) : CE7
 Hazard identification number (RID) : 33

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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The product is classified, identified and labelled according to Regulation (EC) No 1272/2008 (CLP).

Pictograms : GHS02 + GSH07

Signal word : danger

- Hazard statements :

H225 : Highly flammable liquid and vapour

H319 : Causes serious eye irritation

H336 : May cause drowsiness or dizziness

- Precautionary statements :

P101 : If medical advice is needed, have product container or label at hand

P102 : Keep out of reach of children

P103 : Read label before use

P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 : Keep container tightly closed

P240 : Ground/bond container and receiving equipment

P261 : Avoid breathing dust/fume/gas/mist/vapours/spray

P280 : Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P304+P340+P312 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/a doctor/.../ if you feel unwell

P403+P235 : Store in a well-ventilated place. Keep cool

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16. Other information

Regulatory requirements relative to the distribution of this MSDS : In accordance with the regulatory requirements, all information in the MSDS must be transmitted by the MSDS recipient to the health authorities, to any party receiving the products and to any other person likely to be exposed to the products.

Asterisks (*) on life show modifications with regard to last chemical safety data sheet.

Full text of H- and EUH-statements :

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Eye Irrit. 2 : SERIOUS EYE DAMAGE/EYE IRRITATION, CATEGORY 2

Flam. Liq 2 : FLAMMABLE LIQUIDS CATEGORY 2

STOT SE 3 : SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE, CATEGORY 3-H336

H225 : Highly flammable liquid and vapour

H319 : Causes serious eye irritation

H336 : May cause drowsiness or dizziness
