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

1.1 Product identifier

Product form : Mixture
 Trade name : COLLODION

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 : Makeup 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. 1 H224
 Acute Tox. 4 (Oral) H302
 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 :
diethyl ether, ether

- Hazard statements :

H224 : Extremely flammable liquid and vapour

H302 : Harmful if swallowed

H319 : Causes serious eye irritation

H336 : May cause drowsiness or dizziness

- Precautionary statements :

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

P241 : Use explosion-proof electrical/ventilating/lighting/.../equipment

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

P301+P312 : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P303+P361+P353 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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

P370+P378 : In case of fire: Use ... for extinction


- EUH statements :

EUH019 : May form explosive peroxides

EUH066 : Repeated exposure may cause skin dryness or cracking

2.3 Other hazards

No additional information available.

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3. Composition/information on ingredients

3.1 Substances

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)
Diethyl ether, ether	60-29-7	200-467-2	70-80	Flam. Liq. 1 * Acute Tox. 4 (Oral) * STOT SE 3	H224 H302 H336
Isopropanol	67-63-0	200-661-7	≈ 10	Flam. Sol. 1 * Eye Irrit. 2 * STOT SE 3	H228 H319 H336
Ethanol	64-17-5	200-578-6	≈ 20	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


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. If eye irritation persists : get medical advice/attention.

First aid measures after ingestion : Seek immediate medical advice. Immediately call a POISON CENTER

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information.

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4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. No powerful jet of water.

5.2 Special hazards arising from the substance or mixture

In case of fire : release of irritating vapours.

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.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

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

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6.4 Reference to other sections

For further information refer to section 8.

7. Handling and storage

7.1 Precautions for safe handling

Handling : No special measures required.

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.
Storage temperature : < 25°C

7.3 Specific end use(s)

No additional information available.

8. Exposure controls/personal protection


8.1 Control parameters

- **Ethanol (64-17-5)**

France Nom local Alcool éthylique
France VME (mg/m³) 1900 mg/m³
France VME (ppm) 1000 ppm
France VLE (mg/m³) 9500 mg/m³
France VLE (ppm) 5000 ppm

- **diethyl ether, ether (60-29-7)**

UE Nom local Diethylether
UE IOELV TWA (mg/m³) 308 mg/m³
UE IOELV TWA (ppm) 100 ppm
UE IOELV STEL (mg/m³) 616 mg/m³
UE IOELV STEL (ppm) 200 ppm
France Nom local Oxyde de diéthyle
France VME (mg/m³) 308 mg/m³

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France VME (ppm) 100 ppm
 France VLE (mg/m³) 616 mg/m³
 France VLE (ppm) 200 ppm

8.2 Exposure controls

Adequate ventilation is necessary.

- Personal Protection Equipment : Safety glasses. Gloves. Gas mask with filter type AX.
- Hand protection : Wear chemical resistant gloves.
- Eye protection : Wear safety glasses.
- Skin protection : Wear suitable clothes.
- 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 :	Colourless.
pH-value :	No data available.
Melting point :	No data available.
Relative density :	0.76.
Relative vapour density at 20°C :	2.6
Boiling point :	34°C
Flash point :	-40°C
Self-ignition temperature :	170°C
Viscosity :	No data available.
Solubility :	Soluble in water : 6.9%.

9.2 Other information

No additional information available.

10. Stability and reactivity

10.1 Reactivity

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Vapours may form explosive mixtures with air. May react violently with strong oxidizers and strong acids.

10.2 Chemical stability

May generate explosive peroxides or unstable polymers in storage if in contact with air which are liable to become spontaneously flammable or to detonate.

10.3 Possibility of hazardous reactions

May form peroxides if in contact with air. This reaction is accelerated by the light.

10.4 Conditions to avoid

Air contact. Heat. Flash. Flame. Direct ray of sunshine.

10.5 Incompatible materials

Oxygen. Strong oxidizers. Nitric acid. Sulfuric acid. Hydrogen peroxide.

10.6 Hazardous decomposition products

Hydrogen. Carbon monoxide.

11. Toxicological information

11.1 Information on toxicological effects

Oral Acute toxicity : Harmful if swallowed. ATE CLP (oral) 500,000 mg/kg body weight.
 Primary irritant effect : Safe for use on human skin.
 Eye Irritation : Cause serious eye irritation.
 Specific target organ systemic toxicity (single exposure) : May cause drowsiness or dizziness.
 Other toxicological information : Safe or no data available.

12. Ecological information

12.1 Toxicity


No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

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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.

Recommandation about packaging : Dispose of container in accordance with licensed collector's sorting instructions.

14. Transport information

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

- UN number

N° UN (ADR) : 2059

N° UN (IMDG) : 2059

N° UN (IATA) : 2059

N° UN (ADN) : 2059

N° UN (RID) : 2059

- UN proper shipping name

(ADR) : NITROCELLULOSE SOLUTION FLAMMABLE

(IMDG) : Non applicable

(IATA) : Non applicable

(ADN) : Non applicable

(RID) : Non applicable

Transport document description : (ADR) : UN 2059 NITROCELLULOSE SOLUTION FLAMMABLE, 3, I, (B)


Transport document description : (IMDG) : UN 2059, 3

- Transport hazard classes :

ADR

ADR : 3

Labelling (ADR) : 3

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IMDG

IMDG : 3

IATA

IATA : 3

ADN

ADN : 3

RID

RID : 3

Labelling (RID) : 3

- Packaging Group

ADR : I

IMDG, IATA, ADN, RID : not applicable

- Environmental hazard : None
- Transportation by land

Classification code (ADR) : D

Limited quantity (ADR) : 0

Excepted quantity (ADR) : E0

Vehicle for tank transport : FL

Transport category (ADR) : 2

Hazard number (code Kemler) : 33

- Orange sign :

Tunnel restriction (ADR) : B

15. Regulatory information


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

No listed substance

Germany : hazard class for water : 3 – Represents a serious danger for water.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

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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 :

Acute Tox. 4 (oral) : ACUTE TOXICITY ORAL CATEGORY 4

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

Flam. Liq. 1 : FLAMMABLE LIQUIDS CATEGORY 1

Flam. Liq 2 : FLAMMABLE LIQUIDS CATEGORY 2

Fam. Sol. 1 : FLAMMABLE SOLIDS CATEGORY 1

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

H224 : Extremely flammable liquid and vapour

H225 : Highly flammable liquid and vapour

H228 : Flammable solid

H302 : Harmful if swallowed

H319 : Causes serious eye irritation

H336 : May cause drowsiness or dizziness