

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Trade name/Product identifier: **SOLVENT CEMENT** (FOR PVC-U PIPE AND FITTINGS)

1.2 Relevant identified uses of the mixture and uses advised against:

Solvent cement developed for the rigid PVC unions.

Uses advised against:

Uses other than those recommended.

1.3 Details of supplier of the safety data sheet :

CEPEX, S.A.U

C/ Lluís Companys, 51-53

08400 Granollers (Barcelona) España

Telephone: 00 34 93 870 42 08

Fax: 00 34 93 879 57 11

e-mail: cepex@cepex.com

Web: www.cepex.com

1.4 Emergency telephone number of the company and/or of an authorised advisory centre:

CEPEX, S.A.U – Telephone number : 00 34 93 870 42 08

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture.

In accordance with Directive 1999/45/EC:

F - Highly flammable.

Xn - Harmful by inhalation.

Xi - Irritating to eyes.

Repeated exposure may cause skin dryness or cracking.

In accordance with Regulation (EU) No 1272/2008:

Acute Tox. 4 : Harmful if inhaled.

Eye Irrit. 2 : Causes serious eye irritation.

Flam. Liq. 2 : Highly flammable liquid and vapour.

Skin Irrit. 2 : Causes skin irritation.

STOT SE 3 : May cause drowsiness or dizziness F-Highly flammable.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal Word:

Danger

H statements:

H225

Highly flammable liquid and vapour.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H332

Harmful if inhaled.

H336

May cause drowsiness or dizziness.

P statements:

P210

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

smoking.

P243

Take precautionary measures against static discharge.

P501

Dispose of contents/container to authorized treatment station.

P370+P378

In case of fire: Use extinguisher powder or CO₂ for extinction.

P403+P235

Store in a well-ventilated place. Keep cool.

P303+P361+P353

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

P305+P351+P338

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

EUH statements:

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains:

(in accordance with Regulation (UE) N° No 453/2010)

butanone,ethyl methyl ketone
cyclohexanone

2.3 Other hazards.

The product may have the following additional risks:
Do not ingest

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances.

Not Applicable.

3.2 Mixtures.

COMPOSITION Vinilic based Adhesive on solvent

Substances posing a danger to health or the environment in accordance with the Hazardous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Name / Classification	Concentration (% weight)	Identifier N.67/548/CEE	Identifier CAS	Identifier EINECS CE	Classification Regulation /EC)No 1272/2008 (*)	Identifier Classification Directive 67/548/CEE (*)	Identifier Register number
Butanone,ethyl methyl ketone [1]	25% - 50%	606-002-00-3	78-93-3	201-159-0	Eye Irrit.2,H319 Flam. Liq2,H225 STOT SE 3,H336	F Xi R11 R36 R66 R67	01-21194572 90-43-XXXX
Cyclohexanone [1]	25% - 50%	606-010-00-7	108-94-1	203-631-1	Acute Tox. 4, H332 Flam. Liq.3, H226	Xn R10 R20	01-21194536 16-35-XXXX

(*) The complete text of the R and H phrases is given in section 16 of this Safety Data Sheet

[1] Substance with a Community workplace exposure limit (see section 8.1).

4. FIRST AID MEASURES

4.1 Description of first aid measures.

UNDER NO CIRCUMSTANCES SHOULD THE INTOXICATED PERSON BE LEFT UNATTENDED

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. Seek medical assistance . Do not administer anything orally.

Eye contact :

If wearing contact lenses ,remove them. Wash immediately and thoroughly with running water for at least 10 minutes while pulling eyelids up. Seek medical assistance .

Skin Contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. **Never** use solvents or thinners.

Ingestion :

If accidentally ingested , seek medical assistance. **Never** induce vomiting .

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

Harmful Product, prolonged exposure due to inhalation may cause anaesthetic effects and the need for immediate medical assistance

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

5. FIREFIGHTING MEASURES

The product is Highly inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

(in accordance with Regulation (UE) N° No 453/2010)

5.1 Extinguishing media.

Recommended extinguishing methods.

In case of fire use extinguisher powder or CO₂. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture.

Special risks/Risks arising from combustion:

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health. Avoid inhaling the fumes.

5.3 Advice for firefighters.

Use protection for the respiratory tract.

Cool the containers exposed to the fire with water.

Take wind direction into account.

Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

Eliminate possible ignition points and ventilate the area. Avoid breathing fumes. Do not smoke. For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Prevent the contamination of drains, surface or subterranean waters, and the ground.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

6.3 Methods and material for containment and cleaning up

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate contaminator. Pour the decontaminator on the remains in an opened container and let it act various days so no further reaction is produced. If the product is in a liquid form, stop it from entering the drainage system.

6.4 Reference to other sections

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling.

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air.

Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards. The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use antistatic footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited.

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Do not smoke while working.

Keep away from heat, sparks and open flame.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original

7.2 Storage conditions.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35°C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills. The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Solvent cement or Adhesive for PVC-U pipe and fittings.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters.

Exposure limit values (s) (ACGIH):

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
butanone,ethyl methyl ketone	78-93-3	Deutschland [1]	Eight hours	200	600
			Short term	800	2400
		España [2]	Eight hours	200	600
			Short term	300	900
		European Union [3]	Eight hours	200	600
			Short term	300	900
		France [4]	Eight hours	200	600
			Short term	300	900
		United Kingdom [5]	Eight hours	200	600
			Short term	300	899
		Portugal [6]	Eight hours	200	590
			Short term	300	885
		Sverige [7]	Eight hours	50	150
			Short term	100	300
cyclohexanone	108-94-1	Deutschland [1]	Eight hours	20	80
			Short term	40	160
		España [2]	Eight hours	10	41
			Short term	20	82
		European Union [3]	Eight hours	10 (skin)	40,8 (skin)
			Short term	20 (skin)	81,6 (skin)
		France [4]	Eight hours	10	40,8
			Short term	20	81,6

(in accordance with Regulation (UE) N° No 453/2010)

		United Kingdom [5]	Eight hours	10	41
			Short term	20	82
		Portugal [6]	Eight hours	20	80,3
			Short term		
		Sverige [7]	Eight hours	10	41
			Short term	20	81

Biological exposure limit values for:

Name	CAS No.	Country	Biological indicator	BLV	Sampling time
butanone,ethyl methyl ketone	78-93-3	España [2]	Metiletilcetona en orina	2 mg/l	Final de la jornada laboral
cyclohexanone	108-94-1	España [2]	1,2-Ciclohexanodiol en orina	80 mg/l	Final de la semana laboral
		España [2]	Ciclohexanol en orina	8 mg/l	Final de la jornada laboral

[1] Laut Grenzwerte in der Luft am Arbeitsplatz "Luftgrenzwerte" verabschiedet Bundesminister für Arbeit und Sozialordnung im Bundesarbeitsblatt.

[2] Según la lista de Valores Límite Ambientales de Exposición Profesional adoptados por el Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT) para el año 2014.

[3] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

[4] Selon la liste de Valeurs limites d'exposition professionnelle aux agents chimiques en France adoptés par Institut national de la recherche scientifique.

[5] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[6] De acordo com Português Padrão 1796 adotou pelo Instituto português de qualidade.

[7] According Occupational Exposure Limit Values and Measures against Air Contaminants adopted by Swedish Work Environment Authority.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
butanone,ethyl methyl ketone N. CAS: 78-93-3 N. CE: 201-159-0	DNEL (Workers)	Inhalation, Long-term, Systemic effects	600 (mg/m ³)
	DNEL (General population)	Inhalation, Long-term, Systemic effects	106 (mg/m ³)
	DNEL (Workers)	Dermal, Long-term, Systemic effects	1161 (mg/kg bw/day)
	DNEL (General population)	Dermal, Long-term, Systemic effects	412 (mg/kg bw/day)
	DNEL (General population)	Oral, Long-term, Systemic effects	31 (mg/kg bw/day)
	DMEL (General population)	Inhalation, Long-term, Systemic effects	106 (mg/m ³)
	DMEL (General population)	Dermal, Long-term, Systemic effects	412 (mg/m ³)
cyclohexanone N. CAS: 108-94-1 N. CE: 203-631-1	DNEL (Workers)	Inhalation, Long-term, Local effects	40 (mg/m ³)
	DNEL (Workers)	Inhalation, Long-term, Systemic effects	40 (mg/m ³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

(in accordance with Regulation (UE) N° No 453/2010)

Name	Details	Value
butanone,ethyl methyl ketone N. CAS: 78-93-3 N. CE: 201-159-0	aqua (freshwater)	55,8 (mg/L)
	aqua (marine water)	55,8 (mg/L)
	Soil	22,5 (mg/kg soil dw)
	aqua (intermittent releases)	55,8 (mg/L)
	PNEC STP	709 (mg/L)
	sediment (freshwater)	284,74 (mg/kg sediment dw)
	sediment (marine water)	284,7 (mg/kg sediment dw)
	oral (Hazard for predators)	1000 (mg/kg food)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.




Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Solvent cement PVC (FOR PVC-U PIPE AND FITTINGS)
Breathing protection:	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection:	
PPE:	Protective gloves against chemicals.
Characteristics:	«CE» marking, category III.
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.



(in accordance with Regulation (UE) N° No 453/2010)

Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480 Material thickness (mm): 0,35
Eye protection:			
PPE:	Protective goggles with built-in frame.		
Characteristics:	«CE» marking, category II. Eye protector with built-in frame for protection against dust, smoke, fog and vapour.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.		
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.		
Skin protection:			
PPE:	Anti-static protective clothing.		
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.		
CEN standards:	EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.		
PPE:	Anti-static safety footwear.		
Characteristics:	«CE» marking, category II.		
CEN standards:	EN ISO 13287, EN ISO 20344, EN ISO 20346		
Maintenance:	The footwear should be checked regularly		

(in accordance with Regulation (UE) N° No 453/2010)

Observations: The level of comfort during use and acceptability are factors that are assessed very differently depending on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Appearance, odour and colour:	Liquid , odours Organic Solvents characteristic ,and colorless
Odour threshold:	Not Available /Not Applicable due to nature of the product
pH:	Not Available /Not Applicable due to nature of the product
Melting point:	Not Available /Not Applicable due to nature of the product
Boiling point:	120°C
Flash Point :	< 5° C
Evaporate rate :	Not Available /Not Applicable due to nature of the product
Inflammability (solid,gas):	flammable
Lower Explosive Limit:	Not Available/Not Applicable due to nature of the product
Upper Explosive Limit :	Not Available/Not Applicable due to nature of the product
Vapour pressure :	27,032
Vapour density :	Not Available/Not Applicable due to nature of the product
Relative density:	1 g/cm ³
Solubility :	Insoluble en agua
Liposolubility :	Not Available/Not Applicable due to nature of the product
Hidrosolubility :	Not Available/Not Applicable due to nature of the product
Partition Coefficient (n-octanol/water) :	Not Available/Not Applicable due to nature of the product
Auto-ignition temperature :	Not Available/Not Applicable due to nature of the product
Decomposition temperature :	Not Available/Not Applicable due to nature of the product
Viscosity :	9000 ± 2000cPs
Explosive properties:	Not Available/Not Applicable due to nature of the product
Oxidizing properties	Not Available/Not Applicable due to nature of the product

9.2 Other information.

VOC content (p/p):	75,96 %
VOC content :	759,6 g/l

10. STABILITY AND REACTIVITY

10.1 Reactivity:

The product does not present hazards by their reactivity.

Conditions to avoid:

Avoid accumulating electrostatic charge.

10.2 Chemical stability:

Avoid contact with combustible materials. The product could catch fire. Avoid contact with oxidising agents , acid agents and bases agents may cause a dangerous reaction .

10.3 Possibility of hazardous reactions:

In certain conditions this may cause polymerization reaction.

10.4 Conditions to avoid :

Avoid the following conditions :

- Heating
- High temperature
- Contact with incompatible materials

10.4 Incompatible materials :

Avoid the following materials :

- Acids
- Bases
- Oxidizing agents

10.6 Hazardous decomposition products :

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

11. TOXICOLOGICAL INFORMATION

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

(in accordance with Regulation (UE) N° No 453/2010)

Vapour and liquid is irritating to eyes. Skin contact has a defeating action leading to dermatitis, The vapour may cause drowsiness, nausea, dizziness and ultimately unconsciousness. Ingestion may cause narcosis, vomiting and unconsciousness.

a) acute toxicity;

Product classified:

Acute toxicity (Inhalation), Category 4: Harmful if inhaled.

b) irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

Skin irritant, Category 2: Causes skin irritation.

c) corrosivity;

Not conclusive data for classification.

d) sensitisation;

Not conclusive data for classification.

e) repeated dose toxicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) mutagenicity;

Not conclusive data for classification.

h) toxicity for reproduction;

Not conclusive data for classification

12. ECOLOGICAL INFORMATION

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
butanone,ethyl methyl ketone N. CAS: 78-93-3 EC No: 201-159-0	Fish	LC50	Fish	3220 (mg/l)
	Aquatic invertebrates	EC50	Crustacean	5090 (mg/l)
	Aquatic plants	CE50	Desmodesmus subspicatus	>100 (mg/L)

12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potencial.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation
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(in accordance with Regulation (UE) N° No 453/2010)

	Log Pow	BCF	NOECs	Level
butanone,ethyl methyl ketone N. CAS: 78-93-3 EC No: 201-159-0	0,29	-	-	Very low
cyclohexanone N. CAS: 108-94-1 EC No: 203-631-1	0,81	-	-	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment

13. WASTE DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods..

Waste Cleaner comes within the scope of the special waste regulations. Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to local and national legislation or regulations currently in force. Follow the provisions of Directive 2008/98/EC regarding waste management

14. TRANSPORT INFORMATION

Transport following ADR rules for road transport , IMDG for sea and ICAO/IATA for air transport.

14.1 UN number.

UN No: UN1133

14.2 UN proper shipping name.

Description: UN 1133, ADHESIVES, 3, PG II, (D/E)

14.3 Transport hazard class(es).

Class(es): 3

14.4 Packing group.

Packing group: II

14.5 Environmental hazards.

Marine pollutant: No

14.6 Special precautions for user.

Labels: 3

Hazard number:33



Transport by road (ADR):

ADR-UN Number:	1133
ADR-Class:	3
ADR-HI number:	33
ADR-Shipping Name:	ADHESIVES containing flammable liquids
ADR-Packing Group:	II

(in accordance with Regulation (UE) N° No 453/2010)

ADR-S.P.: 640 D

Transport by ship (IMDG):

IMDG-Marine pollutant:	No
IMDG-UN Number:	1133
IMDG-Class:	3
ADR-Shipping Name:	ADHESIVES containing flammable liquids
IMDG-Packing group:	II
IMDG-EmS	F-E , S-D
	FEm-Emergency sheets (F-Fire, S-Spills)
IMDG-Storage category:	B

Transport by plane (IATA):

IATA-UN Number:	1133
IATA-Class:	3
ADR-Shipping Name:	ADHESIVES containing flammable liquids
IATA-Cargo Aircraft:	307
IATA-Label:	Flamm. Liquid
IATA-Packing group:	II
IATA-ERG:	3L

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

The product is not transported in bulk.

15. REGULATORY INFORMATION

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

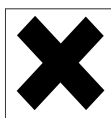
See annex I of the Directive 96/82/EC of 9 December 1996 on the control of major-accident hazards involving dangerous substances and the Regulation (EC) No 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals and its subsequent updates. The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Evaluación de la seguridad química

There has been no evaluation a chemical safety assessment of the product.



Xn



F

Symbols:

Xn Harmful

F Highly flammable

R Phrases:

R10 Flammable.

R11 Highly flammable.

R20 Harmful by inhalation.

R36 Irritating to eyes and respiratory system.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

S Phrases:

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29 Do not eliminate or empty into drains.

S33 Take precautionary measures against static discharges.

S43 In case of fire, use... (indicate in the space the precise type of fire-fighting equipment. If water increases risk, add

- 'Never use water')

(in accordance with Regulation (UE) N° No 453/2010)

S25 Avoid contact with eyes.
Contents:
cyclohexanone

16. OTHER INFORMATION

Text of R phrases referred to under heading 3:

R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R36 Irritating to eyes and respiratory system.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Text of H phrases referred to under heading 3:

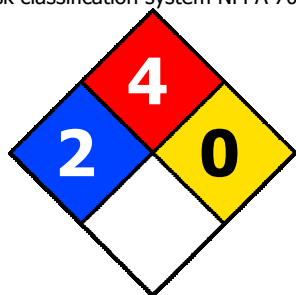
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H319 Causes serious eyes irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

It is advisable to carry out basic training with regard to health, safety and environment at work in order to handle this product correctly

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
78-93-3	butanone,ethyl methyl ketone	Registered
108-94-1	cyclohexanone	Registered

Risk classification system NFPA 704:



Health hazard: 2 (Hazardous)

Flammability: 4 (Below 73°F)

Reactivity: 0 (Stable)

The information given in this Safety Data Sheet has been drafted in accordance with Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

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.