



SAFETY DATA SHEET

NEOGIT-HP

Issued on 05/30/2015 - Rel. # 5 on 07/17/2023

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In conformity to Regulation (EU) 2020/878

SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code : NEOGIT-HP

UFI: 28N0-D0CM-M00Q-SG2N

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

Special glue for gluing PVC/ABS/ASA.

Sectors of use:

Private households (= general public = consumers)[SU21], Professional use[SU22]

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

FACOT CHEMICALS S.r.l.

via Crema, 44- 26010 Capralba (CR) - Italy

Tel. +39 0373 450642 / 450643, Fax 0+39 373 450751

e-mail: info@facot.it - www.facot.it

Persona competente Responsabile SDS/Competent person responsible for SDS: msds@facot.it

1.4. Emergency telephone number

Facot Chemical Srl: +39 0373 450642 (working hours)

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS02, GHS05, GHS07, GHS08

Hazard Class and Category Code(s):

Flam. Liq. 2, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Carc. 2

Hazard statement Code(s):

H225 - Highly flammable liquid and vapour.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H351 - Suspected of causing cancer.

The product easy inflames if subordinate to an ignition source.

If inhaled, the product, causes irritation to the respiratory tract, if brought into contact with skin, it causes significant

inflammation with erythema, scabs, or edema.

If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

Warning: Vapours inhalation may cause sleepiness and giddiness

The product may pose a risk of carcinogenesis.

2.2. Label elements

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



Pictogram, Signal Word Code(s):

GHS02, GHS05, GHS07, GHS08 - Danger

Hazard statement Code(s):

H225 - Highly flammable liquid and vapour.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H351 - Suspected of causing cancer.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

General

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

P102 - Keep out of reach of children.

Prevention

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

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 - Use only outdoors or in a well-ventilated area.

Response

P302+P352 - IF ON SKIN: Wash with plenty of water.

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

P310 - Immediately call a POISON CENTER/doctor.

P370+P378 - In case of fire: Use CO₂ or foam to extinguish.

Storage

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

Disposal

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

Contains:

Tetrahydrofuran, Cyclohexanon, butanone

Packaging to be fitted with a tactile warning (EN ISO 11683)

Content of VOC ready to use condition: 753,92 g/l

UFI: 28N0-D0CM-M00Q-SG2N

RESTRICTED TO PROFESSIONAL USERS

2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

No information on other hazards

SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

ID	Substance / Classification	% (w/w)
INDEX: 606-002-00-3 CAS: 78-93-3 CE: 201-159-0 REACH: 01-2119457290-43-XXXX	butanone	>= 27,50 <= 29,90%
	EUH066; Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 ATE oral = 2.740,0 mg/kg ATE dermal = 8.050,0 mg/kg ATE inhal = 11.700,0mg/l/4 h	
INDEX: 606-010-00-7 CAS: 108-94-1 CE: 203-631-1 REACH: 01-2119453616-35-XXXX	Cyclohexanone	>= 27,50 <= 29,90%
	Flam. Liq. 3, H226; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Dam. 1, H318; Acute Tox. 4, H332; STOT SE 3, H335 ATE oral = 1.890,0 mg/kg ATE dermal = 1.100,0 mg/kg ATE inhal = 11,0mg/l/4 h	
INDEX: 603-025-00-0 CAS: 109-99-9 CE: 203-726-8 REACH: 01-2119444314-46-XXXX	Tetrahydrofuran	>= 27,50 <= 29,90%
	EUH019; Flam. Liq. 2, H225; Acute Tox. 4, H302; Eye Irrit. 2, H319; STOT SE 3, H335; STOT SE 3, H336; Carc. 2, H351 Limits: Eye Irrit. 2, H319 %C >=25; STOT SE 3, H335 %C >=25; ATE oral = 1.650,0 mg/kg	
INDEX: ND CAS: 1305-62-0 CE: 215-137-3 REACH: ND	Calcium dihydroxide substance for which there are Community workplace exposure limits	>= 0,35 <= 0,49%
	Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT SE 3, H335	

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room.
CALL A PHYSICIAN.

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area.
If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.



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In case of contact with skin, wash immediately with water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Rinse mouth with water of the subject. Consult a physician.

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

No data available.

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

IF exposed or concerned: Get medical advice/attention.

If skin irritation occurs: Get medical advice/attention.

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

Immediately call a POISON CENTER/doctor.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

In the case of fire use: water spray or CO₂.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Wear gloves and protective clothing

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.



Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:
After wiping up, wash the area and materials involved

6.3.3 Other information:
None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
In residential areas do not use on large surfaces.
Do not smoke at work
At work do not eat or drink.
Wear protective gloves/protective clothing/eye protection/face protection.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and direct exposure of sunlight.
Always store in well ventilated areas.
Never close the container tightly, leave a chance to vent
Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

7.3. Specific end use(s)

Private households (= general public = consumers):
Handle in a well ventilated area.

Professional use:
Follow the rules of good hygiene in the workplace.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

butanone:

GESTIS International Limit Values (<https://limitvalue.ifa.dguv.de/>)

Australia : TLV-TWA= 150 ppm , 445 mg/m³ - TLV-STEL= 300 ppm , 890 mg/m³
Austria : TLV-TWA= 100 ppm , 295 mg/m³ - TLV-STEL= 200 ppm , 590 mg/m³
Belgium : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
Canada - Ontario : TLV-TWA= 200 ppm - TLV-STEL= 300 ppm
Canada - Québec : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 ppm , 300 mg/m³
Denmark : TLV-TWA= 50 (1) ppm , 145 (1) mg/m³ - TLV-STEL= 100 (1)(2) ppm , 290 (1)(2) mg/m³
European Union : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
Finland : TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
France : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
Germany (AGS) : TLV-TWA= 200 (1) ppm , 600 (1) mg/m³ - TLV-STEL= 200 (1)(2) ppm , 600 (1)(2) mg/m³
Germany (DFG) : TLV-TWA= 200 (1) ppm , 600 (1) mg/m³ - TLV-STEL= 200 (1)(2) ppm , 600 (1)(2) mg/m³
Hungary : TLV-TWA= 600 mg/m³ - TLV-STEL= 900 mg/m³
Ireland : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
Israel : TLV-TWA= 200 ppm , 590 mg/m³
Italy : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 ppm , 900 mg/m³
Japan (MHLW) : TLV-TWA= 200 ppm
Japan (JOSH) : TLV-TWA= 200 ppm , 590 mg/m³
Latvia : TLV-TWA= 67 ppm , 200 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
New Zealand : TLV-TWA= 150 ppm , 445 mg/m³ - TLV-STEL= 300 ppm , 890 mg/m³
People's Republic of China : TLV-TWA= 300 mg/m³ - TLV-STEL= 600 (1) mg/m³
Poland : TLV-TWA= 450 mg/m³ - TLV-STEL= 900 mg/m³
Romania : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
Singapore : TLV-TWA= 200 ppm , 590 mg/m³ - TLV-STEL= 300 ppm , 885 mg/m³
South Korea : TLV-TWA= 200 ppm , 590 mg/m³ - TLV-STEL= 300 ppm , 885 mg/m³
Spain : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 ppm , 900 mg/m³
Sweden : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
Switzerland : TLV-TWA= 200 ppm , 590 mg/m³ - TLV-STEL= 200 ppm , 590 mg/m³
The Netherlands : TLV-TWA= 590 mg/m³ - TLV-STEL= 900 mg/m³
Turkey : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 (1) ppm , 900 (1) mg/m³
USA - NIOSH : TLV-TWA= 200 ppm , 590 mg/m³ - TLV-STEL= 300 (1) ppm , 885 (1) mg/m³
USA - OSHA : TLV-TWA= 200 ppm , 590 mg/m³
United Kingdom : TLV-TWA= 200 ppm , 600 mg/m³ - TLV-STEL= 300 ppm , 899 mg/m³

Belgium :(1) 15 minutes average value

Denmark: (1) Skin (2) 15 minutes average value

European Union :(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)

Finland: (1) 15 minutes average value

France :Bold type: Restrictive statutory limit values Skin (1) 15 minutes average value

Germany (AGS): (1) Skin (2)15 minutes average value

Germany (DFG) :(1) Skin (2) 15 minutes average value

Ireland :(1) 15 minutes reference period

Latvia: (1) 15 minutes average value

People's Republic of China :(1) 15 minutes average value

Romania :(1) 15 minutes average value

Sweden :(1) 15 minutes average value

Turkey: (1) 15 minutes average value

USA - NIOSH :(1) 15 minutes average value

Cyclohexanone:

GESTIS International Limit Values (<https://limitvalue.ifa.dguv.de/>)

Australia : TLV-TWA= 5 mg/m³

Austria : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Belgium : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Canada - Ontario : TLV-TWA= 5 mg/m³

Canada - Québec : TLV-TWA= 5 mg/m³

Denmark : TLV-TWA= 1 mg/m³ - TLV-STEL= 2 (1) mg/m³

European Union : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Finland : TLV-TWA= 1 mg/m³ - TLV-STEL= 4 (1) mg/m³

France : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Germany (AGS) : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 2 (1)(2) mg/m³

Germany (DFG) : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 2 (1)(2) mg/m³

Hungary : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Ireland : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Italy : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Latvia : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

New Zealand : TLV-TWA= 5 mg/m³

Norway : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Poland : TLV-TWA= 2 (1) mg/m³ - TLV-STEL= 6 (1)(3) mg/m³

Poland : TLV-TWA= 1 (2) mg/m³ - TLV-STEL= 4 (2)(3) mg/m³

Romania : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Singapore : TLV-TWA= 5 mg/m³

South Africa : TLV-TWA= 10 mg/m³

South Africa Mining : TLV-TWA= 5 mg/m³

South Korea : TLV-TWA= 5 mg/m³

Spain : TLV-TWA= 1 mg/m³ 4 (1) mg/m³

Sweden : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Switzerland : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

The Netherlands : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³

Turkey : TLV-TWA= 5 mg/m³

USA - NIOSH : TLV-TWA= 5 mg/m³

USA - OSHA : TLV-TWA= 15 (1) mg/m³

USA - OSHA : TLV-TWA= 5 (2) mg/m³

United Kingdom : TLV-TWA= 5 (1) mg/m³

Austria: (1) Inhalable fraction (2) Ceiling limit value

Belgium: (1) Respirable fraction (2) 15 minutes average value

Denmark: (1) 15 minutes average value

European Union: (1) Respirable fraction (2) 15 minutes average value **Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)**

Finland (1): 15 minutes average value

France *Italics type: Indicative statutory limit values* (1) Respirable fraction (2) 15 minutes average value

Germany (AGS): (1) Inhalable fraction (2) 15 minutes average value

Germany (DFG):(1) Inhalable fraction (2) 15 minutes average value

Hungary:(1) Respirable fraction (2) 15 minutes average value

Ireland: (1) Respirable fraction (2) 15 minutes average value

Italy: (1) Respirable fraction (2) 15 minutes average value

Latvia: (1) Respirable fraction (2) 15 minutes average value

Norway: (1) Respirable fraction (2) 15 minutes average value

Poland: (1) Inhalable fraction (2) Respirable fraction (3) 15 minutes average value

Romania: (1) Respirable fraction (2) 15 minutes average value

Spain: (1) 15 minutes average value

Sweden: (1) Respirable fraction (2) 15 minutes average value

Switzerland: (1) Inhalable fraction (2) 15 minutes average value

The Netherlands: (1) Respirable fraction (2) 15 minutes average value

USA – OSHA: (1) Inhalable fraction (2) Respirable fraction

United Kingdom: (1) Inhalable fraction (2) Respirable fraction



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Tetrahydrofuran:

Australia : TLV-TWA= 100 ppm , 295 mg/m³
Austria : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 ppm , 300 mg/m³
Belgium : TLV-TWA= 50 (1) ppm , 150 (1) mg/m³ - TLV-STEL= 100 (1)(2) ppm , 300 (1)(2) mg/m³
Canada - Ontario : TLV-TWA= 50 ppm - TLV-STEL= 100 ppm
Canada - Québec : TLV-TWA= 50 (1) ppm - TLV-STEL= 100 (1)(2) ppm
Denmark : TLV-TWA= 50 (1) ppm , 150 (1) mg/m³ - TLV-STEL= 100 (1)(2) ppm , 300 (1)(2) mg/m³
European Union : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm 300 (1) mg/m³
Finland : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
France : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
Germany (AGS) : TLV-TWA= 50 (1) ppm , 150 (1) mg/m³ - TLV-STEL= 100 (1)(2) ppm , 300 (1)(2) mg/m³
Germany (DFG) : TLV-TWA= 50 (1) ppm , 150 (1) mg/m³ - TLV-STEL= 100 (1)(2) ppm , 300 (1)(2) mg/m³
Hungary : TLV-TWA= 150 (1) mg/m³ - TLV-STEL= 300 (1)(2) mg/m³
Ireland : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
Italy : TLV-TWA= 50 (1) ppm , 150 (1) mg/m³ - TLV-STEL= 100 (1)(2) ppm , 300 (1)(2) mg/m³
Japan (MHLW) : TLV-TWA= 50 ppm , mg/m³
Japan (JSOH) : TLV-TWA= 50 ppm , 148 mg/m³
Latvia : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
New Zealand : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
Norway : TLV-TWA= 50 (1) ppm , 150 (1) mg/m³
People's Republic of China : TLV-TWA= 300 mg/m³
Poland : TLV-TWA= 150 mg/m³ - TLV-STEL= 300 mg/m³
Romania : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
Singapore : TLV-TWA= 200 ppm , 590 mg/m³ - TLV-STEL= 250 ppm , 737 mg/m³
South Africa : TLV-TWA= 100 (1) ppm , mg/m³ - TLV-STEL= 200 (1)(2) ppm
South Africa Mining : TLV-TWA= 50 (1) ppm , 148 (1) mg/m³ - TLV-STEL= 100 (1)(2) ppm , 295 (1)(2) mg/m³
South Korea : TLV-TWA= 50 (1) ppm - TLV-STEL= 100 (1)(2) ppm
Spain : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 ppm , 300 mg/m³
Sweden : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
Switzerland : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 ppm , 300 mg/m³
The Netherlands : TLV-TWA= 300 (1) mg/m³ - TLV-STEL= , 600 (1)(2) mg/m³
Turkey : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 (1) ppm , 300 (1) mg/m³
USA - NIOSH : TLV-TWA= 200 ppm , 590 mg/m³ - TLV-STEL= 250 (1) ppm , 735 (1) mg/m³
USA - OSHA : TLV-TWA= 200 ppm , 590 mg/m³
United Kingdom : TLV-TWA= 50 ppm , 150 mg/m³ - TLV-STEL= 100 ppm , 300 mg/m³

Belgium (1) Additional indication "D" means that the absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air. (2) 15 minutes average value

Canada - Québec (1) Skin (2) 15 minutes average value

Denmark (1) Skin (2) 15 minutes average value

European Union (1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)

Finland (1) 15 minutes average value

France Bold type: Restrictive statutory limit values Skin (1) 15 minutes average value

Germany (AGS) (1) Skin (2) 15 minutes average value

Germany (DFG) (1) Skin (2) 15 minutes average value

Hungary (1) Skin (2) 15 minutes average value

Ireland (1) 15 minutes reference period

Italy (1) Skin (2) 15 minutes average value

Latvia (1) 15 minutes average value

New Zealand (1) 15 minutes average value

Norway (1) Skin

Romania (1) 15 minutes average value

South Africa (1) Skin (2) 15 minutes average value

South Africa Mining (1) Skin (2) 15 minutes average value

South Korea (1) Skin (2) 15 minutes average value

Spain skin

Sweden (1) 15 minutes average value

The Netherlands (1) Skin (2) 15 minutes average value
Turkey (1) 15 minutes average value
USA - NIOSH (1) 15 minutes average value

Calcium dihydroxide:

GESTIS International Limit Values (<https://limitvalue.ifa.dguv.de/>)

Australia : TLV-TWA= 5 mg/m³
Austria : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Belgium : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Canada - Ontario : TLV-TWA= 5 mg/m³
Canada - Québec : TLV-TWA= 5 mg/m³
Denmark : TLV-TWA= 1 mg/m³ - TLV-STEL= 2 (1) mg/m³
European Union : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Finland : TLV-TWA= 1 mg/m³ - TLV-STEL= 4 (1) mg/m³
France : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Germany (AGS) : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 2 (1)(2) mg/m³
Germany (DFG) : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 2 (1)(2) mg/m³
Hungary : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Ireland : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Italy : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Latvia : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2)
New Zealand : TLV-TWA= 5 mg/m³
Norway : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Poland : TLV-TWA= 2 (1) mg/m³ - TLV-STEL= 6 (1)(3) mg/m³
Poland : TLV-TWA= 1 (2) mg/m³ - TLV-STEL= 4 (2)(3)
Romania : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2)
Singapore : TLV-TWA= 5 mg/m³
South Africa : TLV-TWA= 10 mg/m³
South Africa Mining : TLV-TWA= 5 mg/m³
South Korea : TLV-TWA= 5 mg/m³
Spain : TLV-TWA= 1 mg/m³ - TLV-STEL= 4 (1) mg/m³
Sweden : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Switzerland : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
The Netherlands : TLV-TWA= 1 (1) mg/m³ - TLV-STEL= 4 (1)(2) mg/m³
Turkey : TLV-TWA= 5 mg/m³
USA - NIOSH : TLV-TWA= 5 mg/m³
USA - OSHA : TLV-TWA= 15 (1) mg/m³
USA - OSHA : TLV-TWA= 5 (2) mg/m³
United Kingdom : TLV-TWA= 5 (1) mg/m³
United Kingdom : TLV-TWA= 1 (1) mg/m³

Austria (1) Inhalable fraction (2) Ceiling limit value
Belgium (1) Respirable fraction (2) 15 minutes average value
Denmark (1) 15 minutes average value
European Union (1) Respirable fraction (2) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)
Finland (1) 15 minutes average value
France Italics type: Indicative statutory limit values (1) Respirable fraction (2) 15 minutes average value
Germany (AGS) (1) Inhalable fraction (2) 15 minutes average value
Germany (DFG) (1) Inhalable fraction (2) 15 minutes average value
Hungary (1) Respirable fraction (2) 15 minutes average value
Ireland (1) Respirable fraction (2) 15 minutes average value
Italy (1) Respirable fraction (2) 15 minutes average value
Latvia (1) Respirable fraction (2) 15 minutes average value
Norway (1) Respirable fraction (2) 15 minutes average value
Poland (1) Inhalable fraction (2) Respirable fraction (3) 15 minutes average value
Romania (1) Respirable fraction (2) 15 minutes average value
Spain (1) 15 minutes average value

Sweden (1) Respirable fraction (2) 15 minutes average value
 Switzerland (1) Inhalable fraction (2) 15 minutes average value
 The Netherlands (1) Respirable fraction (2) 15 minutes average value
 USA - OSHA (1) Inhalable fraction (2) Respirable fraction
 United Kingdom (1) Inhalable fraction (2) Respirable fraction

8.2. Exposure controls



Appropriate engineering controls:
 Private households (= general public = consumers):
 Observe usual safety precautions in the handling of chemicals.

Professional use:
 Well ventilated environment. Observe the safety measures used in handling chemicals.

Individual protection measures:

a) Eye / face protection
 Wear mask

b) Skin protection

i) Hand protection
 Protect your hands with category III work gloves.
 For the final choice of work glove material (ref. standard EN 374) the following must be considered: compatibility, degradation, breaking time and permeation.
 In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it cannot be foreseen. The gloves have a wear time that depends on the duration and method of use.

ii) Other
 When handling the pure product wear full protective skin clothing.

c) Respiratory protection
 Use adequate protective respiratory equipment (EN 14387:2008)

d) Thermal hazards
 No hazard to report

Environmental exposure controls:
 Use according to good working practices to avoid pollution into the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Physical state	Thick liquid	
Colour	White transparent	
Odour	Characteristic of solvent	



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Physical and chemical properties	Value	Determination method
Odour threshold	Undefined	
Melting point/freezing point	Undefined	
Boiling point or initial boiling point and boiling range	55 °C	
Flammability	Undefined	
Lower and upper explosion limit	1,2% (v/v) - 11,5% (v/v)	
Flash point	-15 °C	
Auto-ignition temperature	460 °C	
Decomposition temperature	Undefined	
pH	Undefined	
Kinematic viscosity	4000 cPs (20°C)	
Solubility	Soluble in organic solvents	
Water solubility	Undefined	
Partition coefficient n-octanol/water (log value)	Undefined	
Vapour pressure	49 mmHg	
Density and/or relative density	0,94 g/ml	
Relative vapour density	Undefined	
Particle characteristics	Irrelevant	Reg (CE) 1907:06, Annex VII, 7.14

9.2. Other information

Content of VOC ready to use condition: 753,92 g/l

9.2.1 Information with regard to physical hazard classes

Irrilevant

9.2.2 Other safety characteristics

Irrilevant

SECTION 10. Stability and reactivity

10.1. Reactivity

Related to contained substances:

Cyclohexanone:

Attacks different types of plastic materials.

It can condense under the effect of heat, giving resinous compounds.

Tetrahydrofuran:

May form peroxides with: air.

Stabilize the product with a reducing agent (ferrous sulphate, hydroquinone).



10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

Related to the substances contained:

Tetrahydrofuran:

Reacts violently developing heat in contact with: metal halides, thionyl chloride, bromine. Develops flammable gases in contact with: oxidizing substances. Develops hydrogen in contact with: sodium aluminum hydride, calcium hydride, lithium aluminum hydride. Risk of explosion on contact with : 2-aminophenol, potassium peroxide, alkali hydroxides. Forms explosive mixtures with: air.

Butanone:

Risk of explosion in contact with: bromine trifluoride, fluorine dioxide, hydrogen peroxide, nitrosyl chloride, 2-methyl-1,3-butadiene, nitromethane, nitrosyl perchlorate. May react dangerously with: potassium tert-butoxide, alkaline hydroxides, bromine, bromoform, isoprene, sodium, sulfur dioxide, chromium trioxide, chromyl chloride, nitric acid, chloroform, peroxymonosulfuric acid, phosphorus oxychloride, chromosulfuric acid, fluorine, strong oxidizing agents, strong reducing agents. Develops flammable gases in contact with: nitrosyl perchlorate.

Cyclohexanone:

Risk of explosion on contact with: hydrogen peroxide, nitric acid, heat, mineral acids. May react violently with: oxidizing agents. Forms explosive mixtures with: air.

10.4. Conditions to avoid

Related to contained substances:

butanone:

Avoid exposure to: heat sources, open flames.

Cyclohexanone:

Avoid exposure to: heat sources, open flames.

Tetrahydrofuran:

Avoid exposure to: heat sources, open flames.

Avoid contact with combustible materials. The product could catch fire. heat, open flames, sparks or hot surfaces.

10.5. Incompatible materials

Acids and oxidizing substances.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = 2.946,3 mg/kg
ATE(mix) dermal = 3.678,9 mg/kg
ATE(mix) inhal = 36,8 mg/l/4 h

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.
- (c) serious eye damage/irritation: If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.
- (d) respiratory or skin sensitisation: based on available data, the classification criteria are not met.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: The product may pose a risk of carcinogenesis.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: If inhaled the product, causes irritations to the respiratory tract. - Warning: Vapours inhalation may cause sleepiness and giddiness
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not met.
- (j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:
butanone:

The substance is irritating to the eyes and the respiratory tract. The substance may cause effects on the central nervous system. Exposure much in excess of the OEL may result in unconsciousness.

Acute risks/symptoms:

Inhalation; Cough. Vertigo. Drowsiness. Headache. Nausea. Vomit.

Eyes; Redness. Ache. Irritating.

Ingestion; State of unconsciousness.

The liquid has degreasing characteristics for the skin.

Tests on animals indicate the possibility that this substance could cause toxicity to human reproduction or development.

LD50 (rat) Oral (mg/kg body weight) = 2740

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 8050

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 11700

Cyclohexanone:

MAIN ROUTES OF EXPOSURE; The main routes of potential exposure are inhalation and skin contact for exposed workers. The general population can be exposed by eating contaminated food.

OTHER EFFECTS (e.g. narcotic); Cyclohexanone causes central nervous system depression in beagle dogs and rabbits.

OTHER; metabolism, kinetics, mechanism of action, etc.

The substance is rapidly distributed in the body and metabolized to cyclohexanol, excreted in the urine conjugated to glucuronic acid.

ATE (Inhalation mists/dusts): 1.5 mg/l estimate from table 3.1.2 of Annex I of CLP

ATE (Inhalation vapours): 11 mg/l estimate from table 3.1.2 of Annex I of CLP

LD50 (rat) Oral (mg/kg body weight) = 1890

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1100

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 11

Tetrahydrofuran:

LD50 (Dermal): > 2000 mg/kg Rat

LD50 (Oral): 4430 mg/kg Rat

ATE (Oral): 500 mg/kg - estimate from table 3.1.2 of Annex I of CLP (data used for the calculation of the acute toxicity estimate of the mixture)

LC50 (Inhalation of vapours): > 5000 ppm/4h Rat

LD50 (rat) Oral (mg/kg body weight) = 1650



11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

Related to contained substances:

butanone:

LC50=2993mg/L (fish, Pimephals promelas, 96h)

EC50=508mg/L (daphnia, Daphnia Magna, 48h)

EC50=500mg/L (algae, Skeletonema costatum, 96h)

IC50=2029mg/L (bacteria, Pseudokirchneriella, 72h)

Acute toxicity M-factor = 1

Chronic toxicity M-factor = 1

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

Related to contained substances:

Tetrahydrofuran:

NOT rapidly degradable

Solubility in water: 1000 - 10000 mg/l

Calcium dihydroxide:

Solubility in water = 1000 - 10000 mg/l

12.3. Bioaccumulative potential

Related to contained substances:

butanone:

Kow=0.29

Cyclohexanone:

Partition coefficient (n-octanol/water) = 0.86

12.4. Mobility in soil

Related to contained substances:

Cyclohexanone:

Partition coefficient (soil/water) = 1.18

Tetrahydrofuran:

Partition coefficient (soil/water) = 1.26

12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

12.6. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

14.1. UN number or ID number

ADR/RID/IMDG/ICAO-IATA: 1133



If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg

14.2. UN proper shipping name

ADR/RID/IMDG: ADESIVI contenenti un liquido infiammabile

ADR/RID/IMDG: ADHESIVES containing flammable liquid

ICAO-IATA: ADHESIVES containing flammable liquid

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 3

ADR/RID/IMDG/ICAO-IATA: Label : 3

ADR: Tunnel restriction code : D/E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 L

IMDG - EmS : F-E, S-D

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II



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14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous
IMDG: Marine polluting agent : Not

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.
The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations.

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information

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

REGULATION (EC) 1907/2006 (REACH) - Annex XIV, Annex XVII as amended.
REGULATION (EC) 1272/2008 (CLP) as amended.
COMMISSION DELEGATED REGULATION (EU) 2020/1182
COMMISSION DELEGATED REGULATION (EU) 2021/643
COMMISSION DELEGATED REGULATION (EU) 2021/849
COMMISSION DELEGATED REGULATION (EU) 2022/692
REGULATION (EU) 878/2020 (Requirements for the compilation of safety data sheets)
REGULATION (EC) 790/2009, Dir 96/82/EC as amended.
Seveso category:
P5c - FLAMMABLE LIQUIDS

REGULATION (EU) No 1357/2014 - waste:
HP3 - Flammable
HP4 - Irritant — skin irritation and eye damage
HP5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP7 - Carcinogenic

Substances in the Candidate List (REACH Article 59)
Based on available data, no SVHC \geq 0,1% substances are present

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Points modified compared to previous release: 2.1. Classification of the substance or mixture, 2.2. Label elements, 2.3. Other hazards, 4.1. Description of first aid measures, 4.2. Most important symptoms and effects, both acute and delayed, 4.3. Indication of any immediate medical attention and special treatment needed, 6.1. Personal precautions,

protective equipment and emergency procedures, 6.3. Methods and material for containment and cleaning up, 7.1. Precautions for safe handling, 8.1. Control parameters, 8.2. Exposure controls, 9.2. Other information, 10.4. Conditions to avoid, 10.5. Incompatible materials, 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008, 12.1. Toxicity, 12.2. Persistence and degradability, 12.3. Bioaccumulative potential, 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Description of the hazard statements exposed to point 3

H225 = Highly flammable liquid and vapour.
H319 = Causes serious eye irritation.
H336 = May cause drowsiness or dizziness.
H226 = Flammable liquid and vapour.
H302 = Harmful if swallowed.
H312 = Harmful in contact with skin.
H315 = Causes skin irritation.
H318 = Causes serious eye damage.
H332 = Harmful if inhaled.
H335 = May cause respiratory irritation.
H351 = Suspected of causing cancer .

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

H225-Highly flammable liquid and vapour. Classification procedure: On basis of test data
H315-Causes skin irritation. Classification procedure: Calculation method
H318-Causes serious eye damage. Classification procedure: Calculation method
H335-May cause respiratory irritation. Classification procedure: Calculation method
H336-May cause drowsiness or dizziness. Classification procedure: Calculation method
H351-Suspected of causing cancer . Classification procedure: Calculation method

Bibliographic data :

SAX 12 Ed Van Nostrand Reinhold
MERCK INDEX 15 Ed
ECHA: European Chemicals Agency (<https://echa.europa.eu/it/information-on-chemicals>)
OSHA: European Agency for Safety and Health at Work
IARC: International Agency for Research on Cancer
IPCS: International Programme on Chemical Safety (Cards)
NIOSH: Registry of toxic effects of chemical substances (1983)
ACGIH: American Conference of Governmental Industrial Hygienists
TOXNET: Toxicology Data Network
WHO: World Health Organization
CheLIST: Chemical Lists Information System
GESTIS: International Limit Value (<https://limitvalue.ifa.dguv.de/>)

Acronyms:

- ACGIH American Conference of Governmental Industrial Hygienists
- ADR Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route (European accord regarding international transport of dangerous goods by land)
- bw body weight
- CLP Classification, Labelling and Packaging
- CSR Chemical Safety Report
- DMEL Derived Minimal Effect Level
- DNEL Derived No Effect Level
- dw dry weight
- EC Effective Concentration
- IATA International Air Transport Association
- IMDG International Maritime Dangerous Goods
- LC Lethal Concentration



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- LD Lethal Dose
- m.w. molecular weight
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- OECD Organisation / Office for Economic Co-operation and Development
- STEL Short Term Exposure Limit
- SVHC Substance of Very High Concern
- TLV Threshold Limit Value
- TWA Time Weighted Average
- vPvB very Persistent, very Bioaccumulative and toxic
- WGK Wassergefährdungsklasse (Water hazard class)

NOTICE TO USERS

The information contained in this sheet are based on the knowledge available at the date of the preparation of this sheet.

The user must be aware of the possible risks associated with the use of the product, other than that for which the product is supplied. The sheet does not exonerate the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfill its obligations regarding the use of hazardous products.

This sheet does not exonerate the user from other legal obligations than those mentioned and from rules regulating possession and use of the product, since the user is the only responsible.

*** This sheet supersedes all previous editions.
