

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **6070 Fade-Thinner**

Creation date: **24.11.2023**, Revision: **24.11.2023**, Version: **1.0**

## Section 1: Identification of the substance/mixture and of the company/undertaking

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### 1.1 Product identifier

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**Product name**

6070 Fade-Thinner

**UFI:**

W741-5CU2-100E-4628



<https://my.chemius.net/p/Q4f6MV/en/pd/en>

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

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**Relevant identified uses**

Thinner

**Uses advised against**

No information.

### 1.3 Details of the supplier of the safety data sheet

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**Supplier**

SILCO d.o.o.  
Sentrupert 5a  
3303 Gomilsko, Slovenia  
+386 3 703 3180  
msds@silco.si

### 1.4 Emergency Telephone Number

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**Emergency**

112

**Supplier**

112

## Section 2: Hazards identification

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### 2.1 Classification of the substance or mixture

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**Classification according to Regulation (EC) No 1272/2008 (CLP)**

Flam. Liq. 3; H226 Flammable liquid and vapour.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
Acute Tox. 4; H332 Harmful if inhaled.  
STOT SE 3; H336 May cause drowsiness or dizziness.

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## 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP]**



### Signal word: **WARNING**

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

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

P240 Ground and bond container and receiving equipment.

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

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with national regulation.

### Contains:

ethyl acetate

cyclohexanone

n-butyl acetate

## 2.3 Other hazards

### PBT/vPvB

No information.

### Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

### Additional information

No information.

## Section 3: Composition/information on ingredients

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

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Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>ethyl acetate</b>	141-78-6 205-500-4 607-022-00-5	40-50	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/
<b>cyclohexanone</b>	108-94-1 203-631-1 606-010-00-7	30-35	Flam. Liq. 3; H226 Acute Tox. 4; H332	/
<b>n-butyl acetate</b>	123-86-4 204-658-1 607-025-00-1	5-10	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/
<b>heptan-2-one</b>	110-43-0 203-767-1 606-024-00-3	1-2.5	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H332	/

## Section 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. When it is suspected, that there may still be harmful vapours/fumes present in the air, respiratory protection (mask; self contained breathing apparatus) must be used. Wash contaminated clothing with water before removing or use gloves.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. In case of unconsciousness bring patient into stable side position and seek medical attention. If breathing is irregular or respiratory arrest occurs provide artificial respiration. Keep at rest in a position comfortable for breathing. Seek medical help immediately.

#### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. Consult a physician.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. Seek medical help.

#### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Immediately consult a doctor. Show the physician the safety data sheet or label.

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

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### Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Symptoms include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness. Vapours may cause drowsiness and dizziness. Harmful.

### Following skin contact

Contact with skin may cause irritation (redness, itching). Repeated exposure may cause dry skin or cracked skin.

### Following eye contact

Redness, tearing, pain.

### Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort. Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

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

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Treat symptomatically.

## Section 5: Firefighting measures

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### 5.1 Extinguishing media

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#### Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

#### Unsuitable extinguishing media

Full water jet.

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

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#### Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### 5.3 Advice for firefighters

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#### Protective actions

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Prolonged heating can cause an explosion. Vapours can form explosive mixtures with air. Cool containers at risk with water spray. If possible remove containers from endangered area.

#### Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

#### Additional information

No information.

## Section 6: ACCIDENTAL RELEASE MEASURES

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## 6.1 Personal precautions, protective equipment and emergency procedures

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### For non-emergency personnel

#### Protective equipment

No information.

#### Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

#### Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

#### For emergency responders

Use personal protective equipment.

## 6.2 Environmental precautions

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Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

## 6.3 Methods and material for containment and cleaning up

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### For containment

Stem the spill if this does not pose risks.

### For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Use only explosion-proof instruments and equipment. Use spark-proof tools. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

### Other information

No information.

## 6.4 Reference to other sections

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See also sections 8 and 13.

## Section 7: Handling and storage

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### 7.1 Precautions for safe handling

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#### Protective measures

##### Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges. Vapours are heavier than air and spread along the floor. They form explosive mixtures with air.

##### Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

##### Measures to protect the environment

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Do not discharge into drains, surface water and soil. After use immediately close container tightly.

## **Other measures**

No information.

## **Advice on general occupational hygiene**

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

## **7.2 Conditions for safe storage, including any incompatibilities**

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### **Technical measures and storage conditions**

Keep in a cool, dry and well ventilated place. Protect from open fire. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising substances. Keep away from sources of ignition – no smoking.

### **Packaging materials**

Store only in original container.

### **Requirements for storage rooms and vessels**

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

### **Storage class**

No information.

### **Further information on storage conditions**

No information.

## **7.3 Specific end use(s)**

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### **Recommendations**

No information.

### **Industrial sector specific solutions**

No information.

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

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### **8.1 Control parameters**

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#### **Occupational Exposure limit values**

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Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
<b>Cyclohexanone (108-94-1)</b>	41	10	82	20	Sk, BMGV	2 mmol cyclohexanol/mol creatinine in urine - Post shift 2 mmol cyclohexanol/mol creatinine in urine - Post shift
<b>Butyl acetate (123-86-4)</b>	724	150	966	200	/	/
<b>Ethyl acetate (141-78-6)</b>	734	200	1468	400	/	/
<b>Heptan-2-one (110-43-0)</b>	237	50	475	100	Sk	/

## Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

## DNEL/DMEL values

### For product

No information.

### For components

Name	Type	Exposure route	exp. frequency	Remark	value
<b>cyclohexanone</b>	Worker	inhalation	long term systemic effects	/	40 mg/m <sup>3</sup>
<b>cyclohexanone</b>	Worker	inhalation	short term systemic effects	/	80 mg/m <sup>3</sup>
<b>cyclohexanone</b>	Worker	inhalation	long term local effects	/	40 mg/m <sup>3</sup>
<b>cyclohexanone</b>	Worker	inhalation	short term local effects	/	80 mg/m <sup>3</sup>

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<b>cyclohexanone</b>	Worker	dermal	long term systemic effects	/	4 mg/kg bw/day
<b>cyclohexanone</b>	Worker	dermal	short term systemic effects	/	4 mg/kg bw/day
<b>cyclohexanone</b>	Consumer	inhalation	long term systemic effects	/	10 mg/m <sup>3</sup>
<b>cyclohexanone</b>	Consumer	inhalation	short term systemic effects	/	20 mg/m <sup>3</sup>
<b>cyclohexanone</b>	Consumer	inhalation	long term local effects	/	20 mg/m <sup>3</sup>
<b>cyclohexanone</b>	Consumer	inhalation	short term local effects	/	40 mg/m <sup>3</sup>
<b>cyclohexanone</b>	Consumer	dermal	long term systemic effects	/	1 mg/kg bw/day
<b>cyclohexanone</b>	Consumer	dermal	short term systemic effects	/	1 mg/kg bw/day
<b>cyclohexanone</b>	Consumer	oral	long term systemic effects	/	1.5 mg/kg bw/day
<b>cyclohexanone</b>	Consumer	oral	short term systemic effects	/	1.5 mg/kg bw/day
<b>heptan-2-one</b>	Worker	inhalation	long term systemic effects	/	394.25 mg/m <sup>3</sup>
<b>heptan-2-one</b>	Worker	inhalation	short term systemic effects	/	1516 mg/m <sup>3</sup>
<b>heptan-2-one</b>	Worker	dermal	long term systemic effects	/	54.27 mg/kg bw/day
<b>heptan-2-one</b>	Consumer	inhalation	long term systemic effects	/	84.31 mg/m <sup>3</sup>
<b>heptan-2-one</b>	Consumer	dermal	long term systemic effects	/	23.32 mg/kg bw/day
<b>heptan-2-one</b>	Consumer	oral	long term systemic effects	/	23.32 mg/kg bw/day
<b>ethyl acetate</b>	Worker	inhalation	long term systemic effects	/	734 mg/m <sup>3</sup>
<b>ethyl acetate</b>	Worker	inhalation	short term systemic effects	/	1468 mg/m <sup>3</sup>
<b>ethyl acetate</b>	Worker	inhalation	long term local effects	/	734 mg/m <sup>3</sup>
<b>ethyl acetate</b>	Worker	inhalation	short term local effects	/	1468 mg/m <sup>3</sup>



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Name	Type	Exposure route	exp. frequency	Remark	value
<b>ethyl acetate</b>	Worker	dermal	long term systemic effects	/	63 mg/kg bw/day
<b>ethyl acetate</b>	Consumer	inhalation	long term systemic effects	/	367 mg/m <sup>3</sup>
<b>ethyl acetate</b>	Consumer	inhalation	short term systemic effects	/	734 mg/m <sup>3</sup>
<b>ethyl acetate</b>	Consumer	inhalation	long term local effects	/	367 mg/m <sup>3</sup>
<b>ethyl acetate</b>	Consumer	inhalation	short term local effects	/	734 mg/m <sup>3</sup>
<b>ethyl acetate</b>	Consumer	dermal	long term systemic effects	/	37 mg/kg bw/day
<b>ethyl acetate</b>	Consumer	oral	long term systemic effects	/	4.5 mg/kg bw/day
<b>n-butyl acetate</b>	Worker	inhalation	long term systemic effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	short term systemic effects	/	600 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	long term local effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	short term local effects	/	600 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
<b>n-butyl acetate</b>	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	inhalation	long term systemic effects	/	35.7 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	short term systemic effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	long term local effects	/	35.7 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	short term local effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day

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Name	Type	Exposure route	exp. frequency	Remark	value
<b>n-butyl acetate</b>	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day

## PNEC values

### For product

No information.

### For components

Name	Exposure route	Remark	value
<b>cyclohexanone</b>	fresh water	/	0.033 mg/L
<b>cyclohexanone</b>	water, intermittent release	/	0.329 mg/L
<b>cyclohexanone</b>	marine water	/	0.003 mg/L
<b>cyclohexanone</b>	water treatment plant	/	10 mg/L
<b>cyclohexanone</b>	fresh water sediment	dry weight	0.249 mg/kg
<b>cyclohexanone</b>	marine water sediment	dry weight	0.025 mg/kg
<b>cyclohexanone</b>	soil	dry weight	0.03 mg/kg
<b>heptan-2-one</b>	fresh water	/	0.098 mg/L
<b>heptan-2-one</b>	water, intermittent release	/	0.982 mg/L
<b>heptan-2-one</b>	marine water	/	0.01 mg/L
<b>heptan-2-one</b>	water treatment plant	/	12.5 mg/L
<b>heptan-2-one</b>	fresh water sediment	dry weight	1.89 mg/kg
<b>heptan-2-one</b>	marine water sediment	dry weight	0.189 mg/kg
<b>heptan-2-one</b>	soil	dry weight	0.321 mg/kg
<b>ethyl acetate</b>	fresh water	/	0.24 mg/L
<b>ethyl acetate</b>	water, intermittent release	/	1.65 mg/L
<b>ethyl acetate</b>	marine water	/	0.024 mg/L
<b>ethyl acetate</b>	water treatment plant	/	650 mg/L
<b>ethyl acetate</b>	fresh water sediment	dry weight	1.15 mg/kg
<b>ethyl acetate</b>	marine water sediment	dry weight	0.115 mg/kg
<b>ethyl acetate</b>	soil	dry weight	0.148 mg/kg
<b>ethyl acetate</b>	secondary poisoning	food	0.2 g/kg
<b>n-butyl acetate</b>	fresh water	/	0.18 mg/L
<b>n-butyl acetate</b>	water, intermittent release	/	0.36 mg/L
<b>n-butyl acetate</b>	marine water	/	0.018 mg/L
<b>n-butyl acetate</b>	water treatment plant	/	35.6 mg/L
<b>n-butyl acetate</b>	fresh water sediment	dry weight	0.981 mg/kg

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Name	Exposure route	Remark	value
<b>n-butyl acetate</b>	marine water sediment	dry weight	0.098 mg/kg
<b>n-butyl acetate</b>	soil	dry weight	0.09 mg/kg

## 8.2 Exposure controls

### Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

#### Structural measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

### Personal protective equipment

#### Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

#### Hand protection

Protective gloves (EN ISO 374-1:2016). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

### Appropriate materials

#### Skin protection

Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2012). At high risk of skin exposure chemical suits (BS EN 13034:2005+A1:2009) and boots may be required (BS EN ISO 20345:2022).

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387). For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard BS EN 137, BS EN 138.

#### Thermal hazards

No information.

### Environmental exposure controls

#### Substance/mixture related measures to prevent exposure

No information.

#### Instruction measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

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No information.

## Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Physical state

liquid

#### Colour

colourless

#### Odour

characteristic

#### Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	> 32 °C
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	substance/mixture is non-soluble (in water) (Does not apply)
Viscosity	No information.
Solubility	No information.
Partition coefficient	No information.
Vapour pressure	No information.
Density and/or relative density	Density: 0.91 – 0.92 kg/L
Relative vapour density	No information.
Particle characteristics	No information.

### 9.2 Other information

Solids content	0 % 0 vol %
Weight organic solvents	920 g/l
Explosive properties	No information.

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## Section 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No information.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

Vapours and air can form flammable or explosive mixtures.

### 10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

### 10.5 Incompatible materials

Oxidants.

### 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## Section 11: Toxicological information

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

#### (a) Acute toxicity

##### For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
<b>cyclohexanone</b>	oral	LD <sub>50</sub>	rat	/	1535 mg/kg	/	/
<b>cyclohexanone</b>	dermal	LD <sub>50</sub>	rabbit	/	948 mg/kg	/	/
<b>cyclohexanone</b>	inhalation	LC <sub>50</sub>	rat	4 h	8000 mg/l	/	/
<b>heptan-2-one</b>	dermal	LD <sub>50</sub>	rabbit	/	12600 mg/kg	/	/

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Name	Exposure route	Type	Species	Time	value	Method	Remark
<b>heptan-2-one</b>	oral	LD <sub>50</sub>	rat	/	1670 mg/kg	/	/
<b>ethyl acetate</b>	oral	LD <sub>50</sub>	rabbit	/	4935 mg/kg	/	/
<b>ethyl acetate</b>	inhalation	LC <sub>50</sub>	rat	4 h	1600 mg/l	/	/
<b>n-butyl acetate</b>	dermal	LD <sub>50</sub>	rabbit	/	5000 mg/kg	/	/
<b>n-butyl acetate</b>	inhalation	LC <sub>50</sub>	rat	4 h	9.6 - 29.2 mg/l	/	dust/aerosol
<b>n-butyl acetate</b>	oral	LD <sub>50</sub>	rat	/	4700 mg/kg	/	/

## Additional information

Harmful if inhaled.

## (b) Skin corrosion/irritation

No information.

## (c) Serious eye damage/irritation

No information.

## Additional information

Causes serious eye irritation.

## (d) Respiratory or skin sensitisation

No information.

## Additional information

The product is not classified as sensitising.

## (e) (Germ cell) mutagenicity

No information.

## (f) Carcinogenicity

No information.

## (g) Reproductive toxicity

No information.

## Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

## (h) STOT-single exposure

No information.

## Additional information

May cause drowsiness or dizziness.

## (i) STOT-repeated exposure

No information.

## Additional information

Repeated exposure may cause skin dryness or cracking. STOT RE (repeated exposure): Not classified.

## (j) Aspiration hazard

No information.

## Additional information

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Product name: **6070 Fade-Thinner**

Creation date: **24.11.2023**, Revision: **24.11.2023**, Version: **1.0**

Aspiration hazard: Not classified.

## Symptoms related to the physical, chemical and toxicological characteristics

No information.

## Interactive effects

No information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

### Other information

No information.

## Section 12: Ecological information

### 12.1 Toxicity

#### Acute (short-term) toxicity

##### For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
<b>cyclohexanone</b>	LC <sub>50</sub>	32.9 mg/L	/	algae	/	/	/
<b>cyclohexanone</b>	LC <sub>50</sub>	180 mg/L	/	bacteria	/	/	/
<b>cyclohexanone</b>	LC <sub>50</sub>	820 mg/L	/	daphnia	/	/	/
<b>heptan-2-one</b>	LC <sub>50</sub>	131 - 137 mg/L	96 h	fish	/	/	/
<b>n-butyl acetate</b>	LC <sub>50</sub>	18 mg/L	96 h	fish	/	/	/
<b>n-butyl acetate</b>	EC <sub>50</sub>	44 mg/L	48 h	crustacea	/	/	/
<b>n-butyl acetate</b>	EC <sub>50</sub>	675 mg/L	72 h	algae	/	/	/

#### Chronic (long-term) toxicity

No information.

### 12.2 Persistence and degradability

#### Abiotic degradation, physical- and photo-chemical elimination

No information.

#### Biodegradation

No information.

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## 12.3 Bioaccumulative potential

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### Partition coefficient

No information.

### Bioconcentration factor (BCF)

No information.

## 12.4 Mobility in soil

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### Known or predicted distribution to environmental compartments

No information.

### Surface tension

No information.

### Adsorption/Desorption

No information.

## 12.5 Results of PBT and vPvB assessment

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No evaluation.

## 12.6 Endocrine disrupting properties

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The product does not contain substances with the potential for endocrine disorders.

## 12.7 Other adverse effects

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No information.

## 12.8 Additional information

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### For product

Product is not classified as dangerous for environment. Do not allow to reach ground water, water courses or sewage system.

## Section 13: Disposal considerations

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### 13.1 Waste treatment methods

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#### Product / Packaging disposal

##### Waste chemical

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

##### Waste codes / waste designations according to LoW

No information.

##### Packaging



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Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents. Uncleaned containers should not be perforated, cut or welded. Empty containers represent a fire hazard as they may contain flammable product residues and vapours.

## **Waste codes / waste designations according to LoW**

No information.

## **Waste treatment-relevant information**

No information.





## **Sewage disposal-relevant information**

No information.

## **Other disposal recommendations**

No information.

## **Section 14: Transport information**

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number or ID number</b>			
UN 1263	UN 1263	UN 1263	UN 1263
<b>14.2 UN proper shipping name</b>			
PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
<b>14.3 Transport hazard class(es)</b>			
3	3	3	3
			
<b>14.4 Packing group</b>			
III	III	III	III
<b>14.5 Environmental hazards</b>			
NO	NO	NO	NO
<b>14.6 Special precautions for user</b>			

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ADR/RID	IMDG	IATA	ADN
Limited quantities 5 L Special provisions 163, 367, 650 Packing Instructions P001, IBC03, LP01, R001 Special packing provisions PP1 Transport category 3 Tunnel restriction code (D/E) Classification code F1	Limited quantities 5 L EmS F-E, <u>S-E</u> Flash point 32 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y344 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 10 L Packing Instructions (Pkg Inst) 355 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 L Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst) 366 Special provisions A3, A72, A192 ERG code 3L	Limited quantities 5 L
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

## Section 15: Regulatory information

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)(including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

**Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)**

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not applicable

## **Ingredients according to Regulation (EC) No 648/2004 on detergents**

No information.

## **Special instructions**

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

## **15.2 Chemical Safety Assessment**

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No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## **Section 16: Other information**

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### **Indication of changes**

No information.

### **Key literature references and sources for data**

No information.

### **Abbreviations and acronyms**

ATE - Acute Toxicity Estimate  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW - see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods

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IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

## List of relevant H phrases

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.