

in accordance the Commission Regulation (EU) No **2020/878** of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

## 1 SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

**REMOVER**

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

Identified uses: Nail polish remover. Cosmetic products

Uses advised against: None identified.

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

**4mass S.A.**

ul. Zygmunta Vogla 2a,

02-963 Warszawa,

tel: +48224004920

E-mail address of person responsible for Safety Data Sheet: e-mail: biuro@4mass.com.pl

### 1.4 Emergency telephone number

Nationwide emergency telephones (**Mon-Fri 8:00 – 16:00**): **+48 224004920**

112 (emergency telephone number)

## 2 SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Other Information:** The product is a cosmetic product that is covered by Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products.

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

**Physical and chemical hazards:**

**Flammable liquids, Hazard Category 2 [Flam. Liq. 2]**

Highly flammable liquid and vapour (H225)

**Health hazards**

**Serious eye damage/eye irritation, Hazard Category 2 [Eye Irrit. 2]**

Causes serious eye irritation (H319)

**Specific target organ toxicity - Single exposure, Hazard Category 3, Narcosis [STOT SE 3]**

May cause drowsiness or dizziness (H336)

**Environmental hazards:**

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

### 2.2 Label elements

**Labelling according Regulation (EC) No 1272/2008\*\***

**Pictogram**



GHS02



GHS07

**Substances which influenced classification**



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Acetone

**Signal word: Danger**

**Hazard statement(s)**

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

**Precautionary statement(s):**

Prevention:

P102 Keep out of reach of children.

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

P243 Take action to prevent static discharg

Response:

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

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

Storage:

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

**Additional information**

EU066 Repeated exposure may cause skin dryness or cracking

EUH208 Contains [Citral; Linalool; Cinnamaldehyde; Alpha-isomethylionone, Limonene; Eugenol] May produce an allergic reaction.

**Labeling in accordance with the Regulation of the European Parliament and of the Council (EC) No. 1223/2009 of 30 November 2009 on cosmetic products:**

Ingredients: Acetone, Parfum, Citral, Linalool, Cinnamal, Alpha-isomethyl ionone, Limonene, Eugenol

**\*\* Provisions of the Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 do not apply to cosmetics. Labelling of unit packaging should include information in accordance with article 19 of Regulation (EC) No 1223/2009 of the European Parliament and with Council of 30 November 2009 on cosmetic products**

## 2.3 Other hazards

In use may form flammable/explosive vapour- air mixture.

The substance does not meet the PBT or vPvB criteria according to Annex XIII of the REACH regulation. The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

## 3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances:

Not applicable

### 3.2 Mixtures:

Substance identifier	Name of the substance	Weight fraction %	Classification in line with The Regulation (EC) No. 1272/2008



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			Signal Word Code(s)	Hazard Class and Category Code(s)	Hazard Statement Code(s)
CAS: 67-64-1 WE (EINECS): 200-662-2 Index: 06-001-00-8 REACH-Reg No: 01-2119471330-49-xxxx	Acetone [1, 2]	<99	GHS02 GHS07 Dgr	Flam. Lig. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336 EUH066
CAS: 5392-40-5 WE (EINECS): 226-394-6 Index: 605-019-00-3 REACH-Reg No:	Citral [1]	0,0151	GHS07 Wng	Skin Irrit.2 Skin Sens 1	H315 H317
CAS: 78-70-6 WE (EINECS): 201-134-4 Index: REACH-Reg No:	Linalool	0,0150	GHS07 Wng	Skin Irrit.2 Eye Irrit. 2 Skin Sens 1	H315 H319 H317
CAS: 104-55-2 WE (EINECS): 203-213-9 Index: REACH-Reg No:	Cinnamaldehyde	0,0100	GHS07 Wng	Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1	H312 H315 H319 H317
CAS: 127-51-5 WE (EINECS): 204-846-3 Index: REACH-Reg No:	Alpha-isomethylionone	0,0099	GHS07 GHS02 Wng	Aquatic Chronic 2 Eye Irrit.2 Skin Irrit.2	H411 H319 H315
CAS: 5989-27-5 WE (EINECS): 227-813-5 Nr indeksowy: Index: 601-029-00-7 REACH-Reg No:	Limonene	0,0056	GHS02 GHS09 GHS08 GHS07 Dgr	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H315 H317 H304 H400 H410
CAS: 97-53-0 WE (EINECS): 202-589-1 Index: REACH-Reg No:	Eugenol	0,0050	GHS07 Wng	Skin Sens. 1B Eye Irrit. 2	H317 H319

1] Substance with national exposure limit in the workplace

[2] Substance with UE exposure limit in the workplace

Full H phrases are specified in point 16 hereof.

## 4 SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Skin contact:	Remove contaminated clothing, immediately wash skin with plenty of water. If there was no irritation, it is advisable to use soap. If irritation occurs, consult a doctor.
Eye contact:	Consult a doctor if irritation occurs. Protect non-irritated eye, remove contact lenses. Rinse the irritated eye thoroughly with water for 10-15 minutes. Avoid strong stream of water - the risk of cornea damage.
Ingestion:	Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a doctor immediately and show container or label.
Inhalation:	Consult a doctor immediately. Remove victim to fresh air, keep warm and at rest. Symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 24 hours

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

Inhalation:	May cause respiratory irritation, drowsiness or dizziness.
Eye contact:	Serious irritation
Skin contact:	Irritation, dryness. May cause an allergic skin reaction



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Ingestion: May cause pain, nausea and vomiting.

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

In the workplace should be available measures for first aid before medical

## 5 SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing agents: water:- suitable extinguishing agents: water - spray jet, alcohol-resistant extinguishing foams, extinguishing powder, carbon dioxide.

Unsuitable extinguishing agents: powerful water jet. Spray water is useful for cooling down containers at risk.

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

Highly flammable liquid. Vapours form explosive mixtures with air. During fire carbon monoxides are released. Avoid inhalation of combustion products – they may pose a risk to health.

### 5.3 Advice for firefighters

Containers exposed to fire or high temperature cool down with water from a safe distance; if possible, remove them from the danger zone (risk of explosion). Special protective equipment for firefighters should consist of protective clothing and breathing apparatus. Avoid water and sewage pollution with water used for firefighting. Fire residues and contaminated extinguishing water dispose of in accordance with binding regulations.

## 6 SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Restrict access of outsiders to the area of accident until the completion of proper cleaning operations. In case of large outflows, isolate the affected area. Remove sources of ignition, do not smoke. Do not use sparking tools. In rooms where accidental release took place provide increased ventilation. Avoid contact with skin and eyes. Do not inhale vapours. If necessary, use personal protective measures.

For emergency responders

Wear antistatic protective clothing, rubber gloves coated with butyl rubber, polyvinyl alcohol. Direct the persons who received appropriate training and wear protective equipment for eyes, airways and skin (see: Point 5: Special protective equipment of fire fighters) to the works related to the removal of the breakdown effects.

### 6.2 Environmental precautions

Prevent the product from getting into surface water. In case of a large outflow enclose the leaking place

### 6.3 Methods and material for containment and cleaning up

If possible, eliminate the leak (close or seal liquid inflow, damaged container put in sealed protective packaging). Small spills of liquid cover with inflammable absorbing material (sand, earth, vermiculite) and collect into the sealed container, contaminated surface wash with water. Large amounts of spilled liquid need to be pumped out. Contaminated materials used during the cleaning should be disposed of.

### 6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

## 7 SECTION 7: HANDLING AND STORAGE



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## 7.1 Precautions for safe handling

When using the product do not eat, drink, avoid contact with liquid and inhalation of vapours and aerosols. During breaks at work wash hands. Do not use contaminated clothing. Observe personal hygiene rules. Working clothing should be made of antistatic, natural materials. Use an effective ventilation to prevent exceeding the concentration limits of hazardous factors above prescribed limits and concentrations of explosive solvent vapours in the air. It is recommended to use local lifts exhaust, which allow for control of vapour emissions at source and prevent its spreading. Ventilation systems must comply with the conditions determined due to fire or explosion. Solvent vapours form explosive mixtures with air, they gather near the ground and in depression areas. Ignition of the product or vapours is possible from the fire, sparks, hot surfaces or electrostatic discharge. It is recommended to take action to neutralize the phenomenon of static electricity. A total ban on smoking and use of open fire needs to be introduced. In hazardous areas do not use sparking tools.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

## 7.2 Conditions for safe storage, including any incompatibilities

Store in properly marked and tightly sealed packages, at a storage facility with efficient ventilation system, at cool places with electrical mains of explosion-proof grade. Local ventilation inlet holes must be located by the working surface or below. Store away from heat and ignition sources, avoid direct sunlight, do not use sparking tools. Protect the containers from mechanical damage. Close tight the containers which were already opened and store them in a position which prevents leakage. Observe the smoking, eating and open flame prohibitions in the warehouse. Prevent unauthorised individuals from accessing the product. Avoid contact with flammable substances and other incompatible substances (see item 10)

## 7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.

## 8 SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

### 8.1 Control parameters

#### PL

PL: Acetone [67-64-1]	
TWA	600 mg/m <sup>3</sup>
STEL	1800 mg/m <sup>3</sup>
PL: 3,7-Dimetylookta-2,6-dienal /Citral[5392-40-5]	
TWA	27 mg/m <sup>3</sup>
STEL	54 mg/m <sup>3</sup>

#### Legal basis:

The Regulation of the Minister of Labour and Social Policy of June 12<sup>th</sup>, 2018 on maximal authorised concentrations and intensity of factors harmful to health in work environment (Dz. U. 2018 poz.1286)

**Please check any national occupational exposure limit values in your country**

#### UE

Acetone [ 67-64-1]			
TWA (8h)		STEL (15 minute)	
mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
1210	500		

#### Legal basis:



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Directive 2014/27/Eu Of The European Parliament And Of The Council of 26 February 2014 amending Council Directives 92/58/EEC, 92/85/EEC, 94/33/EC, 98/24/EC and Directive 2004/37/EC of the European Parliament and of the Council, in order to align them to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures .

COMMISSION DIRECTIVE 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC. COMMISSION DIRECTIVE 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC. COMMISSION DIRECTIVE 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

## DNEL and PNEC

<b>Acetone [67-64-1]</b>	
<b>DNEL</b>	
Industry - Dermal; Long term :	186 mg/kg/day
Industry - Inhalation; Short term :	2420 mg/m <sup>3</sup>
Industry - Inhalation; Long term :	1210 mg/m <sup>3</sup>
Consumer - Oral; Long term :	62 mg/kg/day
Consumer - Dermal; Long term :	62 mg/kg/day
Consumer - Inhalation; Long term :	200 mg/m <sup>3</sup>
<b>PNEC</b>	
Fresh water;	10.6 mg/l
Marine water;	1.06 mg/l
Sediment (Freshwater);	30.4 mg/kg sediment dw
Sediment (Marinewater);	3.04 mg/kg sediment dw
Soil;	0.112 mg/kg soil dw
STP;	29.5 mg/l

### Recommended monitoring procedures

Monitoring procedures should be used for concentrations of hazardous components in the air. Air quality control procedures should be used in the workplace - as long as they are available and reasonable for the job - in accordance with the relevant Polish or European Standards, taking into account the conditions prevailing at the site of exposure and corresponding measurement methodologies adapted to the conditions work. Mode, type and frequency of tests and measurements should meet the requirements of the Regulation of the Minister of Health on 2 February 2011. (Dz. U. 2011 No. 33, item. 166).

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering controls

Necessary local and general ventilation. Ventilation inlets close to working area or below. General ventilation outlets in upper and lower parts of premises. In case of poor ventilation, use respiratory system protection. Showers and places to rinse eyes must be ensured. Control the condition of electrical mains (maintaining explosion-proof property).

### 8.2.2 Individual protection measures, such as personal protective equipment

#### Respiratory protection :

If the limit values are exceeded or in case of emergency use equipment or suitable protection class filter Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use



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## Hand and body protection:

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

## Eye protection:

### 8.2.3 Environmental exposure controls

Emission from ventilation systems and process devices should be checked in order to determine their compliance with the requirements of the environmental protection regulations. Protect against leaking into communal sewage systems and water.

## 9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colorless
Odour:	Light
Melting point/freezing point:	-94.8 °C [acetone]
Boiling point or initial boiling point and boiling range:	56.2 °C [acetone]
Flammability:	Combustible
Lower and upper explosion limit:	2.5%-14.3% [acetone]
Flash point:	<25°C
Auto-ignition temperature:	465 °C [acetone]
Decomposition temperature:	not available
pH:	not available
Kinematic viscosity:	not available
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value):	not available
Vapour pressure:	240 hPa (20°C) [acetone]
Density and/or relative density:	not available
Relative vapour density:	not available
Particle characteristics:	Not applicable - liquid

### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

Information unavailable



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## 9.2.2 Other safety characteristics

VOC: 99%

## 10 SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions of storage and use.

### 10.2 Chemical stability

Stable under recommended storage and usage conditions.

### 10.3 Possibility of hazardous reactions

Gives off hydrogen by reaction with metals. . Possible unwanted reactions with certain plastics In use may form flammable/explosive vapour- air mixture.

### 10.4 Conditions to avoid

Excessive (non-compliant with the applied user's procedures) heating of the product, ignition sources.

### 10.5 Incompatible materials

Strong oxidizers, flammable substances, concentrated acids - nitric, sulfuric and their mixed acids, alkalis. It softens or dissolves some plastics.

### 10.6 Hazardous decomposition products

Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds. Reference to other sections: 5.2.

## 11 SECTION 11: TOXICOLOGICAL INFORMATION

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

#### Acute toxicity of the mixture ingredients:

Acetone [67-64-1]

LD50 oral rat 5800 mg/kg

LD50 skin, rabbit 7400 mg/kg

LD50 inhalation, rat /4h 76mg/l ( 4 h)

#### Toxicity of mixture

Acute toxicity

Based on available information, classification criteria are not met.

Skin corrosion/irritation

Based on available information, classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation

Respiratory or skin sensitisation

EUH208 Contains [Citral; Linalool; Cinnamaldehyde; Alpha-isomethylionone, Limonene; Eugenol] May produce an allergic reaction.

Germ cell mutagenicity

Based on available information, classification criteria are not met.

Carcinogenicity

Based on available information, classification criteria are not met.

Reproductive toxicity

Suspected of damaging fertility or the unborn child

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness

Specific target organ toxicity - repeated exposure





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Based on available information, classification criteria are not met.

#### Aspiration hazard

Based on available information, classification criteria are not met.

#### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation: May cause respiratory irritation, drowsiness or dizziness.

Eye contact: Serious irritation

Skin contact: Irritation, dryness. May cause an allergic skin reaction

Ingestion: May cause pain, nausea and vomiting.

#### 11.1.1 Endocrine disrupting properties

The components of the mixture do not affect the functioning of the hormonal system in accordance with the evaluation criteria defined in the Regulations: (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605

#### 11.1.2 Other information

Not applicable to substances

## 12 SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### **Toxicity of components**

##### **Acetone [67-64-1]**

LC<sub>50</sub>: fish/5540 mg mg/L/96 h (Oncorhynchus mykiss)

LC<sub>50</sub> fish. 11000 mg mg/L/96 h (Alburnus alburnus)

LC<sub>50</sub>: 8800 mg/L/48h (Daphnia pulex)

LC<sub>50</sub>. 2100 mg/L/24h (Artemia salina)

NOEC: 2212 mg/l /28 dni (Daphnia magna)

#### **Toxicity of mixture**

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use

In order to minimise long term global pollution consideration should be given to:

- Reduction in consumption of disposable products and packaging.
- Participation in recycling activities

### 12.2 Persistence and degradability

#### **Acetone [67-64-1]**

Biotic: Biodegradability: readily biodegradable (OECD 301B, 90.0 ± 2.2%)

### 12.3 Bioaccumulative potential

Bioaccumulation is not expected.

### 12.4 Mobility in soil

For mixtures not specified. It is not determined for the mixture. The mobility of the substance depends on their hydrophilic and hydrophobic properties and abiotic and biotic conditions of soil, including its structures, climatic conditions, seasons (in Poland, in a variable moderate climate) and soil organisms, mainly (bacteria, fungi, algae, invertebrates).

### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### 12.6 Endocrine disrupting properties

The product shall not contain ingredients included on the list established in accordance with Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties according to the criteria laid down in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

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#### 12.7 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. There should be considered the possibility of other harmful effects of the individual components of the mixture on the environment. (eg. the ability of disrupting endocrine , the impact of global warming potential).

### 13 SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Disposal methods for the product: Dispose in accordance with the local regulations. Store residues in original containers. Waste code should be given in the manufacturing place.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the local legislation. Only containers completely empty can be recycled.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

### 14 SECTION 14: TRANSPORT INFORMATION



#### 14.1 UN number or ID number

ADR/RID/IMDG/IATA: UN 1090

#### 14.2 UN proper shipping name

ADR/RID/IMDG/IATA: ACETONE

#### 14.3 Transport hazard class (es)

ADR/RID/IMDG/IATA: 3

#### 14.4 Packing group

ADR/RID/IMDG/IATA: II

#### 14.5 Environmental hazards

ADR/RID/IMDG/IATA: Product is not classified as dangerous for the environment in accordance with transport regulations

#### 14.6 Special precautions for user

##### ADR:

Tunnel restriction code: (D/E)

Transport category: 2

Limited Quantity: 1 L

##### IMDG

EmS code: F-E, S-D

Stowage and handling: Category E

Limited Quantity: 1L

##### IATA:

Passanger and Cargo Aircraft

Ltd Qty Pkg Inst.: Y341

Ltd Qty Max/Net Qty/Pkg 1L

Pkg Inst. 353

Max/Net Qty/Pkg 5L



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Cargo Aircraft only:  
Max/Net Qty/Pkg 60L  
Pkg Inst. 364

- 14.7 **Maritime transport in bulk according to IMO instruments**  
Inapplicable

## 15 SECTION 15: REGULATORY INFORMATION

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

Other legislation:

1. **1907/2006/EC** Regulation on 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
2. **1272/2008/EC** of the Regulation of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures - amending and repealing Directive 67/548/EEC and 1999/45/EC, and Regulation (EC) No 1907/2006.
3. **2018/669/UE** Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures Text with EEA relevance.
4. **790/2009/EC** of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.
5. **2008/98/EC** Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
6. **94/62/EC** Commission Directive 2013/2/EU of 7 February 2013; amending Annex I to Directive 94/62/EC of the European Parliament and of the Council on packaging and packaging waste
7. **2015/830/EU** Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
8. **2013/10/EU** Commission Directive of 19 March 2013 amending Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers in order to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures Text with EEA relevance
9. **1223/2009(EC)** Regulation of The European Parliament and of the council of 30 November 2009 on cosmetic products

### 15.2 Chemical safety assessment

The supplier has not assessed chemical safety It is not required for the mixture.

## 16 SECTION 16: OTHER INFORMATION

**Other sources of information:**

IUCLID Data Bank (European Commission – European Chemicals Bureau).

ESIS – European Chemical Substances Information System (European Chemicals Bureau).

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field



# SAFETY DATA SHEET REMOVER

Revision: 12.11.2021

VERSION : 1.0/EN

in accordance the Commission Regulation (EU) No **2020/878** of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Safety Data Sheet made by: Feed Reach Consulting. www.frc.com.pl

## Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2	H319	calculation method
STOT SE 3	H336	calculation method
Flam. Liq. 2	H225	Flash point

## H (hazard) phrases specified in point 2 and 3 hereof:

H225	Highly flammable liquid and vapour
Flam. Liq. 2	Flammable liquids, Hazard Category 2
H336	May cause drowsiness or dizziness.
STOT SE 3	Specific target organ toxicity — Single exposure, Hazard Category 3, Narcosis
H304	May be fatal if swallowed and enters airways
Asp. Tox. 1	Aspiration hazard, Hazard Category 1
H315	Causes skin irritation
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2
EUH066	Repeated exposure may cause skin dryness or cracking
H319	Causes serious eye irritation.
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2
H317	May cause an allergic skin reaction
Skin Sens. 1	Sensitisation — Skin, hazard category 1, 1A, 1B
H312	Harmful in contact with skin
Acute Tox 4	Acute toxicity (dermal), Hazard Category 4
H411	Toxic to aquatic life with long lasting effects
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
H226	Flammable liquid and vapour
Flam. Liq. 3	Flammable liquids, Hazard Category 3
H400	Very toxic to aquatic life.
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
H410	Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1

## Explanation of returns

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
COM	European Commission
CMR	Carcinogen, Mutagen, or Reproductive Toxicant
CSA	Chemical Safety Assessment
CSR C	Chemical Safety Report
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
DPD	Dangerous Preparation Directive 1999/45/EEC



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DSD	Dangerous Substances Directive 67/548/EEC
EC	European Commission
EC <sub>50</sub>	Half maximal effective concentration
ECB	European Chemicals Bureau Europejskie
ECHA	European Chemicals Agency
EC	Number EINECS and ELINCS Number (see also EINECS and ELINCS)
EINECS	European Inventory of Existing Commercial Substances
ELINCS	European List of notified Chemical Substances
EN	European Standard
EU	European Union
GHS	Globally Harmonized System
IC <sub>50</sub>	Half maximal inhibitory concentration
IUCLID	International Uniform Chemical Information Database
IUPAC	International Union for Pure Applied Chemistry
LC <sub>50</sub>	Lethal concentration, 50 %
LD <sub>50</sub>	Median Lethal Dose
MSDS	Material Safety Data Sheet
PBT	Persistent, Bioaccumulative and Toxic substance
PEC	PEC Predicted Effect Concentration
PNEC(s)	Predicted No Effect Concentration(s)
PPE	Personal Protection Equipment
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
SIEF	Substance Information Exchange Forum
STOT	Specific Target Organ Toxicity
(STOT) RE	Repeated Exposure
(STOT) SE	Single Exposure
SVHC	Substances of Very High Concern
vPvB	Very Persistent and Very Bioaccumulative

### Training

Prior to working with the product you should be familiar with safety rules for handling the chemicals, in particular take proper workplace training.

People associated with the transport of hazardous materials in accordance with ADR should be adequately trained to perform their duties (general training, bench and safety).