

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.03.2021

Version number 1

Revision: 01.03.2021

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

1.1 Product identifier:

Product ID: 755905, 755900, 755901, 755955

Trade name: **Thinner 21**

1.2 Relevant Identified Uses of the Substance or Mixture:

Aromatic hydrocarbons thinner

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Fine Center Ltd

Halutzei Hataasia Haifa, Israel 53

Further information obtainable from: Product safety department.

1.4 Emergency contact information: Phone: + 972-4-8427427 Email: finecenter@gmail.com

2. Hazards identification

2.1 Classification

Aspiration Hazard - Category 1

Eye Irritation - Category 2

Flammable Liquids - Category 2

Reproductive Toxicity - Category 2

Skin Irritation - Category 2

Specific Target Organ Toxicity - Repeated Exposure - Category 2

Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3

2.2 Label Elements

Pictograms



Signal Word

Danger

Hazardous Statements - Health

H304 -

May be fatal if swallowed and enters airways

H319 -

Causes serious eye irritation

H361 -

Suspected of damaging fertility or the unborn child

H315 -

Causes skin irritation

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.03.2021

Version number 1

Revision: 01.03.2021

Trade name: Thinner 21

P362 + P364 - Take off contaminated clothing. And wash it before reuse.
 P314 - Get Medical advice/attention if you feel unwell.
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 - Call a POISON CENTER/doctor if you feel unwell.

Precautionary Statements - Storage

P233 - Keep container tightly closed.
 P405 - Store locked up.
 P403 + P235 - Store in a well-ventilated place. Keep cool.
 P403 + P405 - Store in a well-ventilated place. Store locked up.

Precautionary Statements - Disposal

P501 - Dispose of contents/container in accordance with local/national/international regulation. Waste management should be in full compliance with federal, state and local laws

2.3 Other hazards

No data available.

3. Composition/information on ingredients

Chemical Name	GHS Classifications	% By Weight
CAS: 108-88-3 EINECS: 203-625-9 REACH No.: 01-2119471310-51-XXXX	Toluene 	65-75%
CAS: 123-86-4 EINECS: 204-658-1 REACH REGISTRATION:	n-butyl acetate 	1-5%
CAS: 67-64-1 EINECS: 200-662-2 REACH REGISTRATION:	Acetone 	15-25%

Additional information: For the wording of the listed hazard phrases refer to section 16.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.03.2021

Version number 1

Revision: 01.03.2021

Trade name: Thinner 21

H373 - May cause damage to organs through prolonged or repeated exposure.
 H336 - May cause drowsiness or dizziness

Hazardous Statements - Physical

H225 - Highly flammable liquid and vapor
 H412 - Harmful to aquatic life with long lasting

Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.
 P102 - Keep out of reach of children.
 P103 - Read label before use.

Precautionary Statements - Prevention

P264 - Wash thoroughly after handling.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting equipment.
 P242 - Use only non-sparking tools.
 P243 - Take action to prevent static discharges.
 P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P271 - Use only outdoors or in a well-ventilated area.
 P273 - Avoid release to the environment.

Precautionary Statements - Response

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P331 - Do NOT induce vomiting.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337 + P313 - If eye irritation persists: Get medical advice/attention.
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P370 + P378 - In case of fire: Use carbon-dioxide, alcohol foam, water spray or dry chemical to extinguish.
 P308 + P313 - IF exposed or concerned: Get medical advice/attention.
 P302 + P352 - IF ON SKIN: Wash with plenty of water.
 P321 - Specific treatment (see Section 4 on this SDS).
 P332 + P313 - If skin irritation occurs: Get medical advice/attention.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.11.2020

Version number 2

Revision: 10.11.2020

Trade name: Thinner 21

5. Firefighting measures

5.1 Extinguishing media

Suitable Extinguishing Media

Small Fire: Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam.
Carbon dioxide can displace oxygen.

Large Fire: Water spray, fog or alcohol-resistant foam.

Use caution when applying carbon dioxide in confined spaces.

Unsuitable Extinguishing Media

Do not use straight stream of water.

5.2 Specific Hazards in Case of Fire

Dense smoke may be generated while burning. Evolves toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones when heated to combustion.

5.3 Advice for firefighters

Fire-Fighting Procedures

See section 8 for specifics on protective personal equipment (PPE). Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Emergency Procedure

Isolate hazard area and keep unauthorized personnel away.
Stay uphill and/or upstream.

Ventilate closed spaces before entering.

Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.11.2020

Version number 2

Revision: 10.11.2020

Trade name: Thinner 21

4. First aid measures

4.1 Description of first aid measures

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
Eliminate all ignition sources if safe to do so. Take precautions to ensure your own safety (e.g. wear appropriate protective equipment).

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open.
Remove contact lenses, if present and easy to do.
Continue rinsing for a duration of 15-20 minutes or until medical aid is available. Take care not to rinse contaminated water into the unaffected eye or onto the face.
If eye irritation persists: Get medical advice/attention.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts).
Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes or until medical aid is available.
Wash contaminated clothing before re-use.
Call a POISON CENTER/doctor if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
Store contaminated clothing under water and wash before re-use or discard. Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts).

Ingestion

Rinse mouth.
If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor.
If you feel unwell/If concerned: Call a POISON CENTER/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Most important known symptoms and effects are described in labeling (See Section 2.2) and/or in Section 11. Can irritate the respiratory tract. Can irritate eyes and skin. May affect the central nervous system, blood, kidneys and liver. Exposure can cause headache, dizziness and lightheadedness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

7.2 Conditions for safe storage, including incompatibilities

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits.
 The use of local ventilation is recommended to control emissions near the source.
 Report ventilation failures immediately.

Storage Room Requirements

Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage.
 Empty containers retain residue and may be dangerous. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers. Store in approved containers and protect against physical damage.
 Take precautionary measures against electrostatic discharge.
 To avoid fire or explosion, dissipate static electricity during transfer by ground and bonding containers and equipment before transferring material. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

7.3 Specific end use(s)

No data available.

8. Exposure controls/personal protection

8.1 Control parameters

Chemical Name	FR_ED984_VL EP_ppm - France, ED 984, Des Valeure limites d'exposition professionnelle ppm	FR_ED984_VL EP_mg_m3 - France, ED 984, Des Valeure limites d'exposition professionnelle milligram per cubic meter	FR_ED984_VL CT_or_VLE_15 min_ppm - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 15 minute, ppm	FR_ED984_VL CT_or_VLE_15 min_mg_m3 - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 15 minute, mg/m3	FR_ED984_VL CT_or_VLE_5 min_ppm - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 5 minute, ppm	FR_ED984_VL CT_or_VLE_5 min_mg_m3 - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 5 minute, mg/m3	FR_ED984_Observation_Santé - France, ED 984, Observation des effet sur la santé	FR_ED984_VL EP_Date - France, ED 984, Date
TOLUOL REACH NO: 01-21194713 10-51-XXXX	20	76,8	100	76,8			R2, risque de pénétration percutanée	
ACETONE	500	1210	1000	1210				

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

All equipment used when handling the product must be grounded.
 Evacuate and isolate hazard area and keep unauthorized personnel away.
 A vapor-suppressing foam may be used to reduce vapors.

Recommended Equipment

See section 8 for specifics on protective personal equipment (PPE).
 Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Personal Precautions

DO NOT get on skin, eyes or clothing.
 DO NOT breathe vapor or mist.
 Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

6.2 Environmental precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.
 Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
 Dike far ahead of liquid spill for later disposal.

6.3 Methods and materials for containment and cleaning up

Ventilate area after clean-up is complete. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
 Use clean, non-sparking tools to collect absorbed material.

6.4 Reference to other sections

No data available.

7. Handling and storage

7.1 Precautions for safe handling General

Eyewash stations and showers should be available in areas where this material is used and stored.
 Wash hands after use.
 Do not get in eyes, on skin or on clothing.
 Do not breathe vapors or mists.
 Use good personal hygiene practices.
 Eating, drinking and smoking in work areas is prohibited.
 Remove contaminated clothing and protective equipment before entering eating areas.
 All containers must be properly labelled.

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

8.2 Exposure controls

Eye Protection

Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield. Goggles should be consistent with EN 166B or equivalent. The lens must remain in the frame and is not to shatter. The frame must remain intact as well. Frame and lens must withstand the impact of a 6 mm steel ball weighing 0,86 gram fired at 432 km/h.

Skin Protection

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Use of chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms.

Examples of preferred glove barrier materials include: Butyl rubber, Polyethylene, Chlorinated polyethylene, Ethyl vinyl alcohol laminate ("EVAL").

Examples of acceptable glove barrier materials include: Viton, Neoprene, Polyvinyl chloride ("PVC" or "vinyl"), Nitrile/butadiene rubber ("nitrile" or "NBR").

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity.

When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended.

Full contact Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 480 min Material tested: Butoject® (KCL 897 / Aldrich Z677647, Size M) Splash contact Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 30 min Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M). Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Contaminated gloves should be replaced.

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program should be followed.

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators. When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) certified air-purifying respirators equipped with EN 14387 certified organic vapor absorbent and particulate filter (Filter Type A) can be used as long as appropriate precautions and change out schedules are in place. For emergency or non-routine, high exposure situations, including confined space entry, use certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

Chemical Name	ES_VLA_ED_p pm - Spain, VALORES LÍMITE AMBIENTALES DE EXPOSICIÓN DIARIA(VLAED)_ppm	ES_VLA_ED_mg_m3 - Spain, VALORES LÍMITE AMBIENTALES DE EXPOSICIÓN DIARIA(VLAED)_mg/m3	ES_VLA_EC_p pm - Spain, VALORES LÍMITE AMBIENTALES DE CORTA DURACIÓN (VLA-EC)_ppm	ES_VLA_Notas - Spain, VALORES LÍMITE AMBIENTALES DE NOTAS	ES_VLA_EC_mg_m3 - Spain, VALORES LÍMITE AMBIENTALES DE CORTA DURACIÓN (VLAEC)_mg/m3	ES_CM - Spain, Listado de compuestos Cancerígenos y Mutágenos categorías 1A y 1B	DE_AS_ppm - Germany Occupational Exposure Limit ppm (ml/m3), (Arbeitsplatzgrenzwert Spitzenbegr)	DE_AS_mg - Germany Occupational Exposure Limit mg/m3, (Arbeitsplatzgrenzwert)
TOLUOL REACH NO: 01-21194713 10-51-XXXX	50	192	100	vía dérmica, VLB®, VLI	384		50	190
ACETONE	500	1210		VLB®, VLI			500	1200

Chemical Name	DE_AS_UF - Germany Occupational Exposure Limit, Top limit - overshoot factor (Arbeitsplatzgrenzwert Spitzenbegr, Überschreitungsfaktor)	DE_AS_Bemerkungen - Germany Occupational Exposure Limit Remarks, (Arbeitsplatzgrenzwert Spitzenbegr, Bemerkungen)	LOELV TWA (mg/m3)	IOELV TWA (ppm)	IOELV STEL (mg/m3)	IOELV STEL (ppm)	IOELV Directive	IOELV Notations
TOLUOL 01-21194713 10-51-XXXX	4(l)	H, Y	192	50	384	100	DIR 2006/15/CE	Skin
ACETONE	2(l)	Y	1210	500			DIR 2000/39/CE	

Chemical Name	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	IACGIH Carcinogen	ACGIH Notations	DNEL_Inh_Loc al (mg)	DNEL_Inh_Sys temic (mg)
TOLUOL REACH NO: 01-21194713 10-51-XXXX		20			A4	A4, BEI	192	192
ACETONE		250		500	A4	A4, BEI		1210

Chemical Name	DNEL_Carcinogenic	Chemical Name	DNEL_Carcinogenic
TOLUOL REACH NO: 01-21194713 10-51-XXXX		ACETONE	

A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

10. Stability and reactivity

- 10.1 Reactivity** Stable under recommended storage conditions.
- 10.2 Chemical stability** Stable under normal storage and handling conditions.
Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions** Will not occur under recommended storage conditions.
- 10.4 Conditions to avoid** Avoid heat, sparks, flame and contact with incompatible materials
Avoid all possible sources of ignition, heat, sparks, flame, build up of static electricity and contact with incompatible materials.
- 10.5 Incompatible materials** Strong oxidizing agents, strong bases, strong acids.
- 10.6 Hazardous Decomposition Products**
Oxides of Carbon.

11. Toxicological information

11.1 Information on toxicological effects

- Acute Toxicity** Due to lack of data, classification is not possible.
The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is >5000 mg/kg body weight
The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is >5000 mg/kg body weight
The Acute Toxicity Estimate (ATE) for an inhalation (vapour) exposure to this mixture is >20 mg/l
- Aspiration Hazard** Can irritate the respiratory tract. Can irritate eyes and skin.
Exposure can cause headache, dizziness and lightheadedness.
Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
May be fatal if swallowed and enters airways
- Carcinogenicity** The highly refined mineral oil contains <3% DMSO extract as measured by IP 346, hence the classification of a carcinogen need not apply.
Based on available data, the classification criteria are not met.
- Germ Cell Mutagenicity** Based on available data, the classification criteria are not met.
- Reproductive Toxicity** Based on available data, the classification criteria are not met.

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

- Appropriate Engineering Controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
- Environmental Exposure Controls** Use the appropriate container to avoid environmental contamination.
Keep away from all drains, surface and ground water. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

9. Physical and chemical properties

9.1 Physical and Chemical Properties

Density	0.79102 - 0.86503 g/cm ³
Specific Gravity	0.79100 - 0.86500
Appearance	Liquid
Color	Colorless
Odour Threshold	No Data Available
Odour Description	Benzene/Acetone-like
Water Content	No Data Available
pH	No Data Available
Water Solubility	Insoluble in water / Completely miscible
Flammability	N/A
Flash Point	-17°C
Viscosity	No Data Available
Kinematic Viscosity	No Data Available @No Data Available
Pour Point	No Data Available
Lower Explosion Level (%)	2.5
Upper Explosion Level (%)	13
Vapor Pressure	184.688 mmHg
Vapor Density	No Data Available
Freezing Point	No Data Available
Melting Point	-94.7 - -95 °C
Low Boiling Point	56.05 - 110.6 °C
High Boiling Point	No Data Available
Auto Ignition Temp	No Data Available
Decomposition Pt	No Data Available
Evaporation Rate	No Data Available
Coefficient Water/Oil	No Data Available
Refractive Index	No Data Available
Explosive properties	Not applicable
Oxidizing Properties	Not applicable

9.2 Other Information No data available.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.03.2021

Version number 1

Revision: 01.03.2021

Trade name: Thinner 21

0000067-64-1 ACETONE

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

0000067-64-1 ACETONE

LC50 (male rat): 30000 ppm (4-hour exposure); cited as 71000 mg/m3 (4-hour exposure)

LC50 (male mouse): 18600 ppm (4-hour exposure); cited as 44000 mg/m3 (4-hour exposure)

LD50 (oral, female rat): 5800 mg/kg

LD50 (oral, mature rat): 6700 mg/kg (cited as 8.5 mL/kg)

LD50 (oral, newborn rat): 1750 mg/kg (cited as 2.2 mL/kg)

LD50 (oral, mouse): 3000 mg/kg

LD50 (dermal, rabbit): Greater than 16000 mg/kg cited as 20 mL/kg

12. Ecological information

12.1 Toxicity Harmful to aquatic life with long lasting effects

12.2 Persistence and degradability 0000067-64-1 ACETONE
91% readily biodegradable, Method: OECD Test Guideline 301B
Readily biodegradable..

12.3 Bio-accumulative potential No data available.

12.4 Mobility in Soil 0000067-64-1 ACETONE
The substance is not PBT / vPvB
The substance is not PBT / vPvB.

12.5 Results of the PBT and vPvB assessment
No data available.

12.6 Other Adverse Effects This mixture does not contain any chemicals listed on the ECHA's endocrine disruptor (ED) assessment list.

13. Disposal considerations

Waste Disposal

Waste Treatment Methods It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.03.2021

Version number 1

Revision: 01.03.2021

Trade name: Thinner 21

Respiratory/Skin Sensitization

Based on available data, the classification criteria are not met.
Inhaling can irritate the nose and throat.
Can irritate the nose and throat causing coughing and wheezing.

Serious Eye Damage/Irritation

Based on available data, the classification criteria are not met.
Causes serious eye irritation
Contact can irritate the eyes.

Skin Corrosion/Irritation

Causes skin irritation
Contact can irritate the skin.

Specific Target Organ Toxicity - Single Exposure

May cause drowsiness or dizziness
May affect the nervous system causing headache, dizziness and passing out.
May affect the kidneys and liver.

Specific Target Organ Toxicity - Repeated Exposure

Based on available data, the classification criteria are not met.

Likely Routes of Exposure -

Inhalation, Ingestion, Skin contact, Eye contact
The substance can be absorbed into the body by inhalation, through the skin and by ingestion.

Chronic Exposure -

0000108-88-3 TOLUOL Reach no: 01-2119471310-51-XXXX
TERATOGENIC EFFECTS:Toluene has been Classified as POSSIBLE for humans.

Potential Health Effects - Miscellaneous -

0000108-88-3 TOLUOL Reach no: 01-2119471310-51-XXXX
Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, respiratory system, skin.
Can be absorbed through the skin in harmful amounts.
Recurrent overexposure may result in liver and kidney injury.
High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans.
Rats exposed to very high airborne levels have exhibited high frequency hearing deficits.
The significance of this to man is unknown.
WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

0000108-88-3 TOLUOL Reach no: 01-2119471310-51-XXXX

LC50 (rat): 8800 ppm (4-hour exposure)

LC50 (rat): 6000 ppm (6-hour exposure)

LD50 (oral, rat): 2600 to 7500 mg/kg

LD50 (oral, neonatal rat): less than 870 mg/kg

LD50 (dermal, rabbit): 12,225 mg/kg (reported as 14.1 ml/kg)

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

16. Other information

Glossary

ACGIH - American Conference of Governmental Industrial Hygienists; Acute Tox. - acute toxicity; ADN - (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road; CAS - Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances); Chemtrec - Chemical Transportation Emergency Center; CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures; DSL - Domestic Substances List; EC No - The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) EH40/2005 EH40/2005 Workplace exposure limits (<http://www.nationalarchives.gov.uk/doc/opengovernment-li-cence/>); EINECS - European Inventory of Existing Commercial Chemical Substances; ELINCS - European List of Notified Chemical Substances; Eye Dam. - Seriously damaging to the eye; Eye Irrit. – Irritant to the eye; Flam. Liq. – Flammable Liquid; Flam. Sol. – Flammable Solid; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; MARPOL - International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant"); IOELV - Indicative Occupational Exposure Limit Value; LC - Lethal Concentration; LD - Lethal Dose; MARPOL - International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant"); NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; NLP - No-Longer Polymer; PBT - Persistent, Bioaccumulative and Toxic; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; REACH - Registration, Evaluation, Authorization and Restriction of Chemicals; Resp. Sens. - Respiratory sensitization; Resp. – Respiratory Irritation; RID - (Regulations concerning the International carriage of Dangerous goods by Rail; Skin Corr. - Corrosive to skin; Skin Irrit. - Irritant to skin; Skin Sens. - Skin sensitization; STEL - Short-term exposure limit; STOT SE - Specific target organ toxicity - single exposure; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; vPvB - Very Persistent and very Bioaccumulative; WEL - Workplace exposure limit.

Key literature references and sources for data

Safety data sheet prepared in accordance to Regulation (EC) No. 1907/2006 as amended from time to time. ECHA Dissemination Database, ECHA (European Chemical Agency), Supplier SDS, INCHEM2, ECOTOX and RTECS databases.

Classification methods used to derive the classification for mixtures according to Regulation (EC) 1272/2008
 Calculation methods have been used for evaluation of all hazard classes assigned to the product under Article 9 of Regulation (EC) No. 1272/2008.

Version 2.0:
 Revision Date: Mar 1, 2021

Safety data sheet
 according to 1907/2006/EC, Article 31
 Printing date 01.03.2021 Version number 1 Revision: 01.03.2021
 Trade name: Thinner 21

14. Transport information

	Land transportation (ADR/RID)	Inland Waterway Transport (ADN (R))	Marine Transport (IMDG)	Air Transport (ICAO/IATA)
14.1 UN number:	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name:	Thinner 21	Thinner 21	Thinner 21	Thinner 21
14.3 Transport hazard class(es):	3	3	3	3
Labels:	3			
14.4 Packing group:	II	II	II	II
Hazchem code:	3YE			
Hazard identification number:	33			
14.5 Environmental Hazard:	No Data Available	No Data Available	No Data Available	No Data Available
14.6 Special precautions for user:	No Data Available	No Data Available	No Data Available	No Data Available
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No Data Available	No Data Available	No Data Available	No Data Available

15. Regulatory information

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

15.1.1 EU REACH Regulations

Contains no substances with Annex XVII restrictions.
 Contains no REACH Annex XIV substances.
 Contains no substance on the REACH candidate list at a concentration level $\geq 0.1\%$.

15.1.2 National Regulations

No additional information available.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product.

CAS	Chemical Name	% By Weight	Regulation List
0000108-88-3	TOLUOL REACH NO: 01-2119471310-51-XXXX	65-75%	IARCarcinogen,TSCA_EU_EC_Inventory - European_EC_Inventory
0000067-64-1	ACETONE	15-25%	TSCA_EU_EC_Inventory - European_EC_Inventory

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.03.2021

Version number 1

Revision: 01.03.2021

Trade name: Thinner 21

Full text of H-Statements referred to under Section 3

H315	Causes skin irritation
H412	Harmful to aquatic life with long lasting effects
H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H373	May cause damage to organs through prolonged or repeated exposure.
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility or the unborn child
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

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