

MULTICHIMICA SPA 1601.0005L.102 - ЧИСТ АЦЕТОН - 99.9%		Revision nr.17 Dated 04/12/2024 Printed on 03/04/2025 Page n. 1 / 11 Replaced revision:16 (Dated 01/07/2024) EN																												
Safety Data Sheet According to Annex II to REACH - Regulation (EU) 2020/878																														
SECTION 1. Identification of the substance/mixture and of the company/undertaking																														
1.1. Product identifier <table><tr><td>Code:</td><td>1601.0005L.102</td></tr><tr><td>Product name</td><td>ЧИСТ АЦЕТОН - 99.9%</td></tr><tr><td>Chemical name and synonym</td><td>acetone</td></tr><tr><td>INDEX number</td><td>606-001-00-8</td></tr><tr><td>EC number</td><td>200-662-2</td></tr><tr><td>CAS number</td><td>67-64-1</td></tr><tr><td>Registration Number</td><td>01-2119471330-49</td></tr></table>			Code:	1601.0005L.102	Product name	ЧИСТ АЦЕТОН - 99.9%	Chemical name and synonym	acetone	INDEX number	606-001-00-8	EC number	200-662-2	CAS number	67-64-1	Registration Number	01-2119471330-49														
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1.3. Details of the supplier of the safety data sheet <table><tr><td>Name</td><td colspan="3">MULTICHIMICA SPA</td></tr><tr><td>Full address</td><td colspan="3">via G. Galilei, 39</td></tr><tr><td>District and Country</td><td>35035</td><td>Mestrino</td><td>(PD)</td></tr><tr><td></td><td></td><td>Italia</td><td></td></tr><tr><td></td><td>Tel.</td><td colspan="2">049 9048611</td></tr><tr><td></td><td>Fax</td><td colspan="2">049 9001695</td></tr><tr><td>e-mail address of the competent person responsible for the Safety Data Sheet</td><td colspan="3">lab@multichimica.it</td></tr></table>			Name	MULTICHIMICA SPA			Full address	via G. Galilei, 39			District and Country	35035	Mestrino	(PD)			Italia			Tel.	049 9048611			Fax	049 9001695		e-mail address of the competent person responsible for the Safety Data Sheet	lab@multichimica.it		
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SECTION 2. Hazards identification																														
2.1. Classification of the substance or mixture The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet. <table><tr><td>Hazard classification and indication:</td><td></td><td></td></tr><tr><td>Flammable liquid, category 2</td><td>H225</td><td>Highly flammable liquid and vapour.</td></tr><tr><td>Eye irritation, category 2</td><td>H319</td><td>Causes serious eye irritation.</td></tr><tr><td>Specific target organ toxicity - single exposure,</td><td></td><td></td></tr></table>			Hazard classification and indication:			Flammable liquid, category 2	H225	Highly flammable liquid and vapour.	Eye irritation, category 2	H319	Causes serious eye irritation.	Specific target organ toxicity - single exposure,																		
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EPY 11.8.1 - SDS 1004.14																														

SECTION 2. Hazards identification ... / >>

category 3

H336

May cause drowsiness or dizziness.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Danger

Hazard statements:

H225
H319
H336
EUH066

Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P210
P280
P370+P378
P261
P233
P312

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves/ protective clothing / eye protection / face protection.
In case of fire: use chemical powder and CO2, foam to extinguish.
Avoid breathing dust / fume / gas / mist / vapours / spray.
Keep container tightly closed.
Call a POISON CENTRE / doctor / . . . if you feel unwell.

ACETONE
INDEX

606-001-00-8

2.3. Other hazards

The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative. (vPvB).

The substance does not have endocrine disrupting properties.

SECTION 3. Composition/information on ingredients

3.1. Substances

Contains:

Identification	Conc. %	Classification (EC) 1272/2008 (CLP)
ACETONE		
INDEX 606-001-00-8	100	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066
EC 200-662-2		
CAS 67-64-1		
REACH Reg. 01-2119471330-49		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

3.2. Mixtures

Information not relevant

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SECTION 4. First aid measures	
4.1. Description of first aid measures In case of doubt or in the presence of symptoms contact a doctor and show him this document. In case of more severe symptoms, ask for immediate medical aid. EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention. SKIN: Take off contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice. Avoid further contact with contaminated clothing. INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention. INHALATION: Remove victim to fresh air, away from the accident scene. In the event of respiratory symptoms (coughing, wheezing, breathing difficulty, asthma) keep the victim in a comfortable position for breathing. If necessary administer oxygen. If the subject stops breathing, administer artificial respiration. Get medical advice/attention. Rescuer protection It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8. 4.2. Most important symptoms and effects, both acute and delayed Information not available 4.3. Indication of any immediate medical attention and special treatment needed Call a POISON CENTRE / doctor / . . . if you feel unwell. Means to have available in the workplace for specific and immediate treatment Running water for skin and eye wash.	
SECTION 5. Firefighting measures	
5.1. Extinguishing media SUITABLE EXTINGUISHING EQUIPMENT Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak. UNSUITABLE EXTINGUISHING EQUIPMENT Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions. 5.2. Special hazards arising from the substance or mixture HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products. 5.3. Advice for firefighters GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).	
SECTION 6. Accidental release measures	
6.1. Personal precautions, protective equipment and emergency procedures Block the leakage if there is no hazard. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent EPY 11.8.1 - SDS 1004.14	

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any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures. Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. 6.2. Environmental precautions The product must not penetrate into the sewer system or come into contact with surface water or ground water. 6.3. Methods and material for containment and cleaning up Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13. 6.4. Reference to other sections Any information on personal protection and disposal is given in sections 8 and 13.																																
SECTION 7. Handling and storage																																
7.1. Precautions for safe handling Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment. 7.2. Conditions for safe storage, including any incompatibilities Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details. 7.3. Specific end use(s) Information not available																																
SECTION 8. Exposure controls/personal protection																																
8.1. Control parameters Regulatory references: <table><tr><td>BGR</td><td>България</td><td>НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)</td></tr><tr><td>CZE</td><td>Česká Republika</td><td>NAŘÍZENÍ VLÁDY ze dne 10. května 2021, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci</td></tr><tr><td>DEU</td><td>Deutschland</td><td>Forschungsgemeinschaft MAK- und BAT-Werte-Liste 2022 Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe Mitteilung 58</td></tr><tr><td>FRA</td><td>France</td><td>Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021</td></tr><tr><td>GRC</td><td>Ελλάδα</td><td>Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία"»</td></tr><tr><td>HRV</td><td>Hrvatska</td><td>Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnimkemičkalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)</td></tr><tr><td>ITA</td><td>Italia</td><td>Decreto Legislativo 9 Aprile 2008, n.81</td></tr><tr><td>ROU</td><td>România</td><td>Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006</td></tr><tr><td>SVN</td><td>Slovenija</td><td>Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19)</td></tr><tr><td>GBR</td><td>United Kingdom</td><td>EH40/2005 Workplace exposure limits (Fourth Edition 2020)</td></tr></table>			BGR	България	НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)	CZE	Česká Republika	NAŘÍZENÍ VLÁDY ze dne 10. května 2021, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci	DEU	Deutschland	Forschungsgemeinschaft MAK- und BAT-Werte-Liste 2022 Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe Mitteilung 58	FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021	GRC	Ελλάδα	Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία"»	HRV	Hrvatska	Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnimkemičkalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)	ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81	ROU	România	Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006	SVN	Slovenija	Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19)	GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
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EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2023

ACETONE						
Threshold Limit Value						
Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV	BGR	600		1400		
TLV	CZE	800	331,2	1500	621	
AGW	DEU	1200	500	2400	1000	
MAK	DEU	1200	500	2400	1000	
VLEP	FRA	1210	500	2420	1000	
TLV	GRC	1780		3560		
GVI/KGVI	HRV	1210	500			
VLEP	ITA	1210	500			
TLV	ROU	1210	500			
MV	SVN	1210	500	2420	1000	
WEL	GBR	1210	500	3620	1500	
OEL	EU	1210	500			
TLV-ACGIH			250		500	

Normal value in fresh water	10,6	mg/l
Normal value in marine water	1,06	mg/l
Normal value for fresh water sediment	30,4	mg/l
Normal value for marine water sediment	3,04	mg/l
Normal value for water, intermittent release	21	mg/l
Normal value of STP microorganisms	100	mg/l
Normal value for the terrestrial compartment	29,5	mg/l

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				62			2420	62
Inhalation				200 mg/m3			2420 mg/m3	1210 mg/m3
Skin				62 mg/kg bw/d				186 mg/kg bw/d

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.
VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

Wear airtight protective goggles (see standard EN ISO 16321).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the

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SECTION 8. Exposure controls/personal protection ... / >>		
threshold values considered. Use a mask with a type AX filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529. ENVIRONMENTAL EXPOSURE CONTROLS The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.		
SECTION 9. Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Properties Appearance Colour Odour Melting point / freezing point Initial boiling point Flammability Lower explosive limit Upper explosive limit Flash point Auto-ignition temperature Decomposition temperature pH Kinematic viscosity Solubility Partition coefficient: n-octanol/water Vapour pressure Density and/or relative density Relative vapour density Particle characteristics	Value liquid colourless characteristic -95 °C not available not available 2,6 % (v/v) 13 % (v/v) -17 °C not available not available not available not available not available not available 175 mmHg 0,80 not available not applicable	Information
9.2. Other information		
9.2.1. Information with regard to physical hazard classes		
Information not available		
9.2.2. Other safety characteristics		
Information not available		
SECTION 10. Stability and reactivity		
10.1. Reactivity		
There are no particular risks of reaction with other substances in normal conditions of use.		
Decomposes under the effect of heat.		
10.2. Chemical stability		
The product is stable in normal conditions of use and storage.		
10.3. Possibility of hazardous reactions		
The vapours may also form explosive mixtures with the air.		
Risk of explosion on contact with: bromine trifluoride,fluorine dioxide,hydrogen peroxide,nitrosyl chloride,2-methyl-1,3 butadiene,nitromethane,nitrosyl perchlorate.May react dangerously with: potassium tert-butoxide,alkaline hydroxides,bromine,bromoform,isoprene,sodium,sulphur dioxide,chromium trioxide,chromyl chloride,nitric acid,chloroform,peroxymonosulphuric acid,phosphoryl oxychloride,chromosulphuric acid,fluorine,strong oxidising agents,strong reducing		
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SECTION 10. Stability and reactivity ... / >> agents.Develops flammable gas on contact with: nitrosyl perchlorate. 10.4. Conditions to avoid Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition. Avoid exposure to: sources of heat,naked flames. 10.5. Incompatible materials Incompatible with: acids,oxidising substances. 10.6. Hazardous decomposition products In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released. May develop: ketenes,irritant substances.	
SECTION 11. Toxicological information 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Metabolism, toxicokinetics, mechanism of action and other information Information not available Information on likely routes of exposure Information not available Delayed and immediate effects as well as chronic effects from short and long-term exposure Information not available Interactive effects Information not available ACUTE TOXICITY LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours): 7400 mg/kg rabbit 5800 mg/kg 24 h rat 76 mg/l/4h rat SKIN CORROSION / IRRITATION Repeated exposure may cause skin dryness or cracking. SERIOUS EYE DAMAGE / IRRITATION Causes serious eye irritation RESPIRATORY OR SKIN SENSITISATION Does not meet the classification criteria for this hazard class GERM CELL MUTAGENICITY Does not meet the classification criteria for this hazard class CARCINOGENICITY Does not meet the classification criteria for this hazard class REPRODUCTIVE TOXICITY Does not meet the classification criteria for this hazard class STOT - SINGLE EXPOSURE May cause drowsiness or dizziness STOT - REPEATED EXPOSURE	
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SECTION 11. Toxicological information ... / >>				
Does not meet the classification criteria for this hazard class				
ASPIRATION HAZARD				
Does not meet the classification criteria for this hazard class				
11.2. Information on other hazards				
Based on the available data, the substance is not listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.				
SECTION 12. Ecological information				
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.				
12.1. Toxicity				
Information not available				
12.2. Persistence and degradability				
Rapidly degradable				
12.3. Bioaccumulative potential				
Partition coefficient: n-octanol/water		-0,23		
BCF		3		
12.4. Mobility in soil				
Information not available				
12.5. Results of PBT and vPvB assessment				
The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative. (vPvB).				
12.6. Endocrine disrupting properties				
Based on the available data, the substance is not listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.				
12.7. Other adverse effects				
Information not available				
SECTION 13. Disposal considerations				
13.1. Waste treatment methods				
Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.				
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.				
Waste transportation may be subject to ADR restrictions.				
The management of waste arising from the use or dispersal of this product must be organised in accordance with occupational safety regulations. See section 8 for possible need for PPE.				
CONTAMINATED PACKAGING				
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.				
SECTION 14. Transport information				
14.1. UN number or ID number				
ADR / RID, IMDG, IATA:		UN 1090		
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SECTION 14. Transport information ... / >>								
14.2. UN proper shipping name								
ADR / RID:		ACETONE						
IMDG:		ACETONE						
IATA:		ACETONE						
14.3. Transport hazard class(es)								
ADR / RID:		Class: 3		Label: 3				
IMDG:		Class: 3		Label: 3				
IATA:		Class: 3		Label: 3				
14.4. Packing group								
ADR / RID, IMDG, IATA:		II						
14.5. Environmental hazards								
ADR / RID:		NO						
IMDG:		not marine pollutant						
IATA:		NO						
14.6. Special precautions for user								
ADR / RID:		HIN - Kemler: 33		Limited Quantities: 1 L		Tunnel restriction code: (D/E)		
		Special provision: -						
IMDG:		EMS: F-E, S-D		Limited Quantities: 1 L				
IATA:		Cargo:		Maximum quantity: 60 L		Packaging instructions: 364		
		Passengers:		Maximum quantity: 5 L		Packaging instructions: 353		
		Special provision:		-				
14.7. Maritime transport in bulk according to IMO instruments								
Information not relevant								
SECTION 15. Regulatory information								
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture								
Seveso Category - Directive 2012/18/EU:				P5c				
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006								
Product								
Point		3 - 40						
Contained substance								
Point		75						
Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors								
Regulated explosives precursor								
The acquisition, introduction, possession or use of that regulated explosives precursor by members of the general public is subject to reporting obligations as set out in Article 9.								
All suspicious transactions and significant disappearances and thefts must be reported to the relevant national contact point.								
Substances in Candidate List (Art. 59 REACH)								
On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.								
Substances subject to authorisation (Annex XIV REACH)								
None								
Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:								

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SECTION 15. Regulatory information ... / >>			
None			
Substances subject to the Rotterdam Convention: None			
Substances subject to the Stockholm Convention: None			
Healthcare controls Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.			
15.2. Chemical safety assessment			
Has not been performed / is not yet available a chemical safety assessment for the substance.			
SECTION 16. Other information			
Text of hazard (H) indications mentioned in section 2-3 of the sheet:			
Flam. Liq. 2 Eye Irrit. 2 STOT SE 3 H225 H319 H336 EUH066 Flammable liquid, category 2 Eye irritation, category 2 Specific target organ toxicity - single exposure, category 3 Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.			
LEGEND:			
- ADR: European Agreement concerning the carriage of Dangerous goods by Road - ATE: Acute Toxicity Estimate - CAS: Chemical Abstract Service Number - CE50: Effective concentration (required to induce a 50% effect) - CE: Identifier in ESIS (European archive of existing substances) - CLP: Regulation (EC) 1272/2008 - DNEL: Derived No Effect Level - EmS: Emergency Schedule - GHS: Globally Harmonized System of classification and labeling of chemicals - IATA DGR: International Air Transport Association Dangerous Goods Regulation - IC50: Immobilization Concentration 50% - IMDG: International Maritime Code for dangerous goods - IMO: International Maritime Organization - INDEX: Identifier in Annex VI of CLP - LC50: Lethal Concentration 50% - LD50: Lethal dose 50% - OEL: Occupational Exposure Level - PBT: Persistent, bioaccumulative and toxic - PEC: Predicted environmental Concentration - PEL: Predicted exposure level - PMT: Persistent, mobile and toxic - PNEC: Predicted no effect concentration - REACH: Regulation (EC) 1907/2006 - RID: Regulation concerning the international transport of dangerous goods by train - TLV: Threshold Limit Value - TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure. - TWA: Time-weighted average exposure limit - TWA STEL: Short-term exposure limit - VOC: Volatile organic Compounds - vPvB: Very persistent and very bioaccumulative - vPvM: Very persistent and very mobile - WGK: Water hazard classes (German).			
GENERAL BIBLIOGRAPHY			
1. Regulation (EC) 1907/2006 (REACH) of the European Parliament 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation) 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament			
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6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707
24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)
25. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
26. Delegated Regulation (UE) 2024/197 (XXI Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 04 / 08 / 11 / 12 / 13 / 14.