

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

5HYLVLRQDWH1RYHPEHU

38,9325

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CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
67-64-1	acetone; propan-2-one; propanone				
	oral	LD50	5800 mg/kg	Rat	ECHA Dossier
	dermal	LD50	7400 mg/kg	Rabbit	ECHA Dossier
	inhalative (4 h) vapour	LC50	50,1 mg/l	Rat	RTECS
99-97-8	N,N-dimethyl-p-toluidine				
	oral	ATE	100 mg/kg		
	dermal	LD50	>2000 mg/kg	Rat	ECHA Dossier
	inhalative (4 h) vapour	LC50	1,4 mg/l	Rat	GESTIS
	inhalative aerosol	ATE	0,5 mg/l		

Irritation and corrosivity

Causes serious eye irritation.
 Irritant effect on the eye: Irritant.
 Irritant effect on the skin: Not an irritant.

Sensitising effects

Based on available data, the classification criteria are not met.
 no danger of sensitization.
 The statement is derived from the properties of the single components.

STOT-single exposure

May cause drowsiness or dizziness. (acetone; propan-2-one; propanone)

Severe effects after repeated or prolonged exposure

Repeated exposure may cause skin dryness or cracking.
 Acetone:
 Subchronic oral toxicity (90d): NOAEL = 900 mg/m³ (Rat)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.
 Acetone:
 No experimental indications of mutagenicity in-vitro exist. literature information: ECHA Dossier
 Developmental toxicity/teratogenicity (Rat) NOAEL = 11000 ppm; literature information: ECHA Dossier

Aspiration hazard

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

Specific effects in experiment on an animal

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
67-64-1	acetone; propan-2-one; propanone					
	Acute fish toxicity	LC50	5540 mg/l	96 h	Onchorhynchus mykiss	ECHA Dossier
	Acute crustacea toxicity	EC50	8800 mg/l	48 h	Daphnia pulex	ECHA Dossier
99-97-8	N,N-dimethyl-p-toluidine					
	Acute fish toxicity	LC50	46-53 mg/l	96 h	Pimephales promelas	GESTIS

12.2. Persistence and degradability



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CAS No	Chemical name	Method	Value	d	Source
67-64-1	acetone; propan-2-one; propanone	Evaluation			
		OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C	90	28	ECHA Dossier
	Product is biodegradable.				

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-64-1	acetone; propan-2-one; propanone	-0,24
99-97-8	N,N-dimethyl-p-toluidine	2,81

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process. Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances
Classified as hazardous waste.

Waste disposal number of used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances
Classified as hazardous waste.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

UN 1993

14.2. UN proper shipping name:

FLAMMABLE LIQUID, N.O.S. (Acetone)

14.3. Transport hazard class(es):

3



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14.4. Packing group: II

Hazard label: 3



Classification code: F1

Special Provisions: 274 601 640D

Limited quantity: 1 L

Excepted quantity: E2

Transport category: 2

Hazard No: 33

Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number: UN 1993**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Acetone)**14.3. Transport hazard class(es):** 3**14.4. Packing group:** II

Hazard label: 3



Classification code: F1

Special Provisions: 274 601 640D

Limited quantity: 1 L

Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number: UN 1993**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Acetone)**14.3. Transport hazard class(es):** 3**14.4. Packing group:** II

Hazard label: 3



Marine pollutant: NO

Special Provisions: 274

Limited quantity: 1 L

Excepted quantity: E2

EmS: F-E, S-E

Air transport (ICAO)

14.1. UN number: UN 1993**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Acetone)**14.3. Transport hazard class(es):** 3**14.4. Packing group:** II

Hazard label: 3



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Special Provisions:	A3	
Limited quantity Passenger:	1 L	
Passenger LQ:	Y341	
Excepted quantity:	E2	
IATA-packing instructions - Passenger:		353
IATA-max. quantity - Passenger:		5 L
IATA-packing instructions - Cargo:		364
IATA-max. quantity - Cargo:		60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

refer to chapter 6-8

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC):	100 % (calculated.)
2004/42/EC (VOC):	790 g/l (calculated.)
Information according to 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS

Additional information:

Additional information

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].
REACH 1907/2006 Appendix XVII: 3

National regulatory information

Employment restrictions:	Observe employment restrictions for young people.
Water contaminating class (D):	2 - water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Rev. 1.00; 12.10.2015 Initial release

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
CAS Chemical Abstracts Service
DNEL: Derived No Effect Level
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization



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ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect level
NTP: National Toxicology Program
N/A: not applicable
OSHA: Concerning the International Transport of Dangerous Goods by Rail)
PNEC: predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
SARA: Superfund Amendments and Reauthorization Act
SVHC: substance of very high concern
TRGS Technische Regeln für Gefahrstoffe
TSCA: Toxic Substances Control Act
VOC: Volatile Organic Compounds
VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe
WGK: Wassergefährdungsklasse

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)