

Best Klebstoffe GmbH & Co. KG

Safety Data Sheet

according to Regulation (EC) No 1907/2006



1.1. Product identifier

Adhesive Remover

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

Use of the substance/mixture

Adhesive remover

Uses advised against

none/none

1.3. Details of the supplier of the safety data sheet

Company name:

Best Klebstoffe GmbH & Co. KG

Street:

Gewerbestraße 10-14

Place:

D-86981 Kinsau

Telephone:

+49 (0)08869 91384-0

info@bestklebstoffe.de

e-mail: Internet:

www.bestklebstoffe.de

Responsible Department:

Dr. Timo Gans-Eichler

Chemieberatung

e-mail: tge-consult@t-online.de Tel.: +49 (0)251/924520-60

www.tge-consult.de

Telefax: +49 (0)08869 91384-15

Raesfeldstr. 22

48149 Münster

+49 (0)08869 91384-0 (08:00 - 17:00)

1.4. Emergency telephone

number:

2.1. Classification of the substance or mixture

Indications of danger: F - Highly flammable, Xi - Irritant

R phrases:

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Highly flammable.

Irritating to eyes.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

GHS classification

Hazard categories:

Flammable liquid: Flam. Liq. 1

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Extremely flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

2.2. Label elements

Hazardous components which must be listed on the label

acetone; propan-2-one; propanone

Signal word:

Danger

Pictograms:

GHS02-GHS07



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Hazard statements

H224 Extremely flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

Store in a well-ventilated place. Keep container tightly closed. P403+P233 P501

Waste disposal according to official state regulations.

Tell Office Compandition that and the property of the

3.2. Mixtures

Hazardous components

70 SI	(Chetalethia) age	्रीकार्कार
CAS No	Classification	
Index No	GHS classification	
REACH No		
्रव (१८) हे जिल्हा	pasantaran jagggapan anggrupaja padaran	for items
67-64-1	F - Highly flammable, Xi - Irritant R11-36-66-67	
606-001-00-8	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	

Full text of R and H phrases: see Section 16.

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Further Information

Product does not contain SVHC substances and no listed PBT substances.

4.1. Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be swallowed in little sips (dilution effect). In all cases of doubt, or when symptoms persist, seek medical advice.

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

Handling larger quantities.: Inhalation causes narcotic effects/intoxication.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

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5.1. Extinguishing media

Suitable extinguishing media

Water spray. Carbon dioxide. Extinguishing powder. Dry extinguishing powder. alcohol resistant foam.

Extinguishing media which must not be used for safety reasons High power water jet.

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixtures with air. Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2).

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional Information

Use water spray/stream to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. In case of fire and/or explosion do not breathe fumes.

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6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. (Refer to chapter 8.) Remove all sources of ignition. Guide people to safety. Vapours are heavier than air and will spread at floor level.

6.2. Environmental precautions

Cover drains. Prevent spreading over great surfaces (e.g. by damming or installing oil booms). Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Ventilate affected area.

6.4. Reference to other sections

Clean contaminated objects and areas thoroughly observing environmental regulations.

Care the Machidian of the constant and the constant 7.1. Precautions for safe handling

Advice on safe handling

Take precautionary measures against static discharges. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Heating causes rise in pressure with risk of bursting.

Further information on handling

Keep container tightly closed in a cool, well-ventilated place. Protect against: UV-radiation/sunlight. Flammable vapours can accumulate in steam space of closed systems.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.



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Advice on storage compatibility

Do not store together with: Alkali metals. Infectious substances. Explosives. Non-combustible toxic substances. Pyrophoric liquids. Flammable solids. Gases under presussure.ammonium nitrate.

Further information on storage conditions

Recommended storage temperature: 20°C Protect against: Light. heat. cooling. moisture.

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8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	ma/m³	fibres/ml	Cotton	
67-64-1	Acetone	Ppini	mg/m	libres/irii	Category	Origin
		500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL

8.2. Exposure controls



Occupational exposure controls

Use only in well-ventilated areas.

Protective and hygiene measures

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection required in case of:

exceeding critical value

insufficient ventilation.

Generation/formation of mist

Suitable respiratory protective equipment: gas filtering equipment (EN 141).

Hand protection

Pull-over gloves of rubber. DIN EN 374

Suitable material:

(penetration time (maximum wearing period): >= 4 h):

Butyl rubber. (0,5 mm)

In case of reutilization, clean gloves before taking off and store in well-aired place.

Eye protection

Suitable eye protection: Tightly sealed safety glasses. DIN EN 166

Environmental exposure controls

No information available

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9.1. Information on basic physical and chemical properties

Physical state:

Colour:

colourless

Odour:

characteristic

Test method



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Changes in the physical state

Boiling point:

Flash point:

Lower explosion limits:

Upper explosion limits:

Ignition temperature:

Oxidizing properties

none/none Vapour pressure:

(at 20 °C)

Density:

N/A

56 (Acetone) °C

< 21 °C

2.1 (Acetone) vol. %

13 (Acetone) vol. %

540 (Acetone) °C

247(Acetone) hPa

0,791 (Acetone) g/cm3

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10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Ignition hazard. Keep away from heat.

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10.5. Incompatible materials

Reacts with: Hydrogen peroxide, bromine trifluoride, Difluordioxid, 2-methyl-1,3-butadiene, nitromethane, nitrosyl chloride (catalyst), Nitrosylperchlorat, alkali hydroxide, bromine, fluorine, sodium, strong reducing agents, nitric acid, chromic acid, chromium trioxide, chromyl chloride, ethanolamine, Potassium tert-butoxide. Oxidizing agents, strong.

10.6. Hazardous decomposition products

In use, may form flammable/explosive vapour-air mixture. Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2).

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No information available.

Acute toxicity

	Exposure routes			Continue to	A STATE OF THE PARTY OF	
		Domenio	Dose	Species	Source	
NEW PROPERTY.	ব্রারাভারের এক্টুরাকু শ্রাক্তার বর্ষ ব্রাক্তার	rex	伊斯维	that is town to the	10 to	
	oral	LD50	5800 mg/kg	Rat.	RTECS	
	dermal	LD50 20000 mg/kg		IUCLID		
	inholative (4 h)				IOCLID	
	inhalative (4 h) vapour	LC50	76 mg/l	Rat.		

Specific effects in experiment on an animal

No information available.



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Irritant effect on the eye: irritant. Irritant effect on the skin: Not an irritant.

Sensitising effects

no danger of sensitization.

The statement is derived form the properties of the components.

Severe effects after repeated or prolonged exposure

acetone; propan-2-one; propanone:

Subchronic oral toxicity (90d): NOAEL = 900 mg/m3 (Rat.)

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

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12.1. Toxicity

	Aquatic toxicity			The second second	a property region	
Vane de la	Will the same of t	Method	Dose	h Species	Source	
	િલ્ફારામાં ભાગમાં ભાગમાં કરાયા છે. જેવામાં મુખ્યત્વે છે. જેવામાં મુખ્યત્વે છે. જેવામાં મુખ્યત્વે છે. જેવામાં મ			7 4 7 4 7 4 7 4 7 4 4 7 4 7 4 7 4 7		
	Acute fish toxicity	LC50	5540 mg/l	OC Opphash	一些一种心态的	
	Acute crustacea toxicity		JOHU MIGH	96 Onchorhynchus mykiss		

and the same

12.2. Persistence and degradability

n-butyl acetate:

OECD 301D / EEC 92/69 annex V, C.4-E = 83%

ethyl acetate: > 60%

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	
67-64-1	acetone; propan-2-one; propanone	Log Pow
.4. Mobility in		-0,24

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

जन्म विक्रिक्षिक में भूकि किन्नाविक्षितिक है। 13.1. Waste treatment methods

Advice on disposal

Moreover, national legislation has to be observed! Consult the local waste disposal expert about waste

Waste disposal number of waste from residues/unused products

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances Classified as hazardous waste.

Waste disposal number of used product

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances Classified as hazardous waste.



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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 dangerous substances Classified as hazardous waste.

Contaminated packaging

Cleaned containers may be recycled.

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Land transport (ADR/RID)

14.1. UN number: UN1090 14.2. UN proper shipping name: ACETONE

14.3. Transport hazard class(es): 3

14.4. Packing group:

Hazard label:



Classification code: F1 Limited quantity: 1L Transport category: 2 Hazard No: 33 Tunnel restriction code: D/E

Other applicable information (land transport)

Excepted quantity: E2

inland waterways transport (ADN)

14.1. UN number: UN1090 14.2. UN proper shipping name: **ACETONE**

14.3. Transport hazard class(es): 14.4. Packing group: 11 3

Hazard label:



Classification code: Limited quantity: 1 L

Other applicable information (inland waterways transport)

Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number: UN1090 14.2. UN proper shipping name: ACETONE

14.3. Transport hazard class(es): 3 14.4. Packing group: II 3

Hazard label:



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Special Provisions:

Limited quantity:

EmS:

1 4

F-E, S-D

Other applicable information (marine transport)

Excepted quantity: E2

Air transport (ICAO)

14.1. UN number:

UN1090

14.2. UN proper shipping name: 14.3. Transport hazard class(es):

ACETONE

14.4. Packing group:

11

Hazard label:

3

Limited quantity Passenger:

IATA-packing instructions - Passenger: IATA-max. quantity - Passenger:

353 5 L

IATA-packing instructions - Cargo:

364

IATA-max. quantity - Cargo:

60 L

Other applicable information (air transport)

Excepted quantity: E2 Passenger-LQ: Y341

14.5. Environmental hazards

Dangerous for the environment:

no

School of French on Charles

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

EU regulatory information

1999/13/EC (VOC):

~100% (Data concerning the Directive 1999/13/EC on the limitation of

emissions of volatile organic compounds (VOC-RL))

National regulatory information

Employment restrictions:

Observe employment restrictions for young people.

Water contaminating class (D):

1 - slightly water contaminating

Additional information

BGI 595: Merkblatt: Reizende Stoffe/Ätzende Stoffe (M 004).

15.2. Chemical safety assessment

chelone to Contraction to the second of the

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

Changes

Rev. 1.0 Initial release 11.04.13

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European



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International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

Concerning the International Transport of Dangerous Goods by Rail)

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

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

OSHA: Concerning the International Transport of Dangerous Goods by Rail)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level LOAEL: Lowest observed adverse effect level NOAEC: No observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

DNEL: Derived No Effect Level

PNEC: predicted no effect concentration TSCA: Toxic Substances Control Act

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

NTP: National Toxicology Program

SARA: Superfund Amendments and Reauthorization Act

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

PBT: Persistent bioaccumulative toxic SVHC: substance of very high concern

Full text of R phrases referred to under Sections 2 and 3

Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

Full text of H statements referred to under Sections 2 and 3

H224

Extremely flammable liquid and vapour.

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

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.)