



**SÜDWEST Wikulac**

Specific target organ toxicity -  
single exposure, Category 3,  
Central nervous system

H336: May cause drowsiness or dizziness.

**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms



Signal word	:	Warning
Hazard statements	:	H226 Flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Supplemental Hazard Statements	:	EUH066 Repeated exposure may cause skin dryness or cracking.
Precautionary statements	:	<b>Prevention:</b> P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing vapours. P280 Wear protective gloves/ eye protection/ face protection. <b>Response:</b> P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P337 + P313 If eye irritation persists: Get medical advice/ attention. <b>Disposal:</b> P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

**Hazardous components which must be listed on the label:**

n-butyl acetate

**Additional Labelling**

EUH204 Contains isocyanates. May produce an allergic reaction.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Components**

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)

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	Index-No. Registration number		
n-butyl acetate	123-86-4 204-658-1 607-025-00-1 01-2119485493-29-XXXX	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) EUH066	≥ 70 - < 90
3-(trimethoxysilyl)propylamine	13822-56-5 237-511-5 01-2119510159-45-XXXX	Eye Dam. 1; H318 Skin Irrit. 2; H315	≥ 1 - < 3

For explanation of abbreviations see section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

General advice	When symptoms persist or in all cases of doubt seek medical advice. First aider needs to protect himself.
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Consult a physician after significant exposure.
Skin contact	Take off contaminated clothing and shoes immediately. Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If symptoms persist, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician. Eye rinsing bottle must be kept immediately to hand.
Ingestion	Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention.

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

Symptoms	Contact with eyes or skin causes irritation. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.
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**4.3 Indication of any immediate medical attention and special treatment needed**

Treatment	Treat symptomatically. When symptoms persist or in all cases of doubt seek medical advice.
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**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media	CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water
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Unsuitable extinguishing media	spray or alcohol resistant foam.
<b>5.2 Special hazards arising from the substance or mixture</b>	High volume water jet Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO <sub>2</sub> ) Nitrogen oxides (NO <sub>x</sub> )
<b>5.3 Advice for firefighters</b>	In the event of fire, wear self-contained breathing apparatus. Complete suit protecting against chemicals
Additional advice	Water for fire fighting must not be emptied into drains, earth or waters. Contaminated water and earth must be disposed of according to official local regulations.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Do not breathe fumes / aerosol Avoid contact with skin and eyes. Use personal protective equipment. Ensure adequate ventilation. Prevent unauthorized access.
<b>6.2 Environmental precautions</b>	Prevent seepage into sewage system, workpits and cellars. Do not allow contact with soil, surface or ground water.
<b>6.3 Methods and material for containment and cleaning up</b>	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Subsequently put in the waste container. Do not seal ( CO <sub>2</sub> may be given off ) Clean contaminated surface thoroughly. Suitable cleaning agents Water Should not be released into the environment.
<b>6.4 Reference to other sections</b>	Refer to protective measures listed in sections 7 and 8.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Advice on safe handling	Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Comply with the statutory regulations on health and safety at work. Do not re-use empty containers.
Hygiene measures	Take off immediately all contaminated clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling the product. After washing hands, replenish lost skin oil by means of oily skin ointment. When using do not eat, drink or smoke.

**SÜDWEST Wikulac****7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers	Keep out of reach of children. Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Protect from frost, heat and sunlight. Keep in a dry place.
Advice on protection against fire and explosion	Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit values. Vapours are heavier than air and may spread along floors. Flammable gas-air mixtures may be formed in empty receptacles. Keep product and empty container away from heat and sources of ignition. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Operators should wear antistatic footwear and clothing. No sparking tools should be used.
Advice on common storage	Keep away from oxidizing agents, strongly acid or alkaline materials, as well as of amines, alcohols and water.

**7.3 Specific end use(s)** For further information, see also Technical Data Sheet for the product.

<b>SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**8.1 Control parameters****Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
n-butyl acetate	123-86-4	STEL	150 ppm 723 mg/m <sup>3</sup>	2019/1831/EU
	Further information: Indicative			
		TWA	50 ppm 241 mg/m <sup>3</sup>	2019/1831/EU
	Further information: Indicative			

The lists that were valid during the creation were used as basis.

|| Monitoring procedures for the assessment of workplace exposure: standard EN 482

**8.2 Exposure controls****Engineering measures**

Washing facilities / water for rinsing eyes and skin should be available.

**Personal protective equipment**

Eye/face protection : Safety glasses with side-shields conforming to EN166

Hand protection

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Break through time : 60 min

Glove thickness : 0,7 mm

Remarks : e.g. KCL 898 "Butoject®" - butyl rubber protective glove - (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de) or equal.

Dispose of wetted gloves at the end of the shift!

Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Skin and body protection : Impervious clothing

If splashes are likely to occur, wear:

Solvent-resistant apron and boots

Respiratory protection : For brief exposure or low level concentrations use a respiratory filter; for more intense or longer exposure use a self-contained respiratory protective device.

Respiratory filter for brief exposure:

Combination filter A-P2

Respiratory protection complying with EN 14387.

Protective measures : The instructions for the personal protective equipment apply to the handling of both individual components and of the ready-to-use mixture.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Physical state : liquid

Colour : colourless

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Odour	:	characteristic
Odour Threshold	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	ca. 27,5 °C
pH	:	8 - 9,9 (23 °C) Concentration: 1 % hydrolyses
Viscosity Viscosity, dynamic	:	ca. 11 mPa.s
Viscosity, kinematic	:	ca. 11 mm <sup>2</sup> /s (40 °C)
Flow time	:	12 s Cross section: 4 mm

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Solubility(ies) Water solubility	:	immiscible
Partition coefficient: n- octanol/water	:	not determined
Vapour pressure	:	No data available
Density	:	ca. 0,908 g/cm <sup>3</sup>
Relative vapour density	:	No data available

**9.2 Other information**

Explosives	:	Not explosive
Oxidizing properties	:	Not applicable
Flammability (liquids)	:	Not applicable
Self-ignition	:	not auto-flammable

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

Container can be pressurized by carbon dioxide due to reaction with humid air and/or water.

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Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Hazardous reactions Amines and alcohols cause exothermic reactions.  
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.  
With water (moisture): CO<sub>2</sub> is produced; pressure may build up inside closed containers (danger of bursting)

**10.4 Conditions to avoid**

Conditions to avoid Direct sources of heat.  
Strong sunlight for prolonged periods.

**10.5 Incompatible materials**

Materials to avoid Acids and bases  
Amines and alcohols cause exothermic reactions.

**10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.  
In case of fire hazardous decomposition products may be produced such as:  
Isocyanates  
Hydrogen cyanide (hydrocyanic acid)

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity****Product:**

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

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

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

**Skin corrosion/irritation****Product:**

Repeated exposure may cause skin dryness or cracking.

**Components:****n-butyl acetate:**

Repeated exposure may cause skin dryness or cracking.

**3-(trimethoxysilyl)propylamine:**

Causes skin irritation.

**Serious eye damage/eye irritation****Product:**

Causes serious eye irritation.

**Components:****3-(trimethoxysilyl)propylamine:**

Causes serious eye damage.

**Respiratory or skin sensitisation****Product:**

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

**SÜDWEST Wikulac****Germ cell mutagenicity****Product:**

Genotoxicity in vitro

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

**Carcinogenicity****Product:**

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

**Reproductive toxicity****Product:**

Effects on fertility

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

Developmental Toxicity

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

**STOT - single exposure****Product:**

Assessment

May cause drowsiness or dizziness.

**Components:****n-butyl acetate:**

Exposure routes

inhalation (vapour)

Assessment

May cause drowsiness or dizziness.

**STOT - repeated exposure****Product:**

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

**Aspiration toxicity****Product:**

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

**Toxicology, Metabolism, Distribution****Further information****Product:**

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

**11.2 Information on other hazards****Endocrine disrupting properties****Product:**

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Experience with human exposure****Product:**

General Information

Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.

Such as: mucous membrane irritation, respiratory system irritation, adverse effects on kidney, liver and central nervous system.

Symptoms and signs: headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Long-term or repeated contact with the product leads to degreasing of the skin and can cause nonallergenic contact skin damage (contact dermatitis) and / or the resorption of substances.

Solvent sprays can cause irritation and reversible damage to the eye.

**Further information****Product:**

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Remarks : The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity****Product:**

Toxicity to fish No data available

**12.2 Persistence and degradability****Product:**

Biodegradability No data available

**Components:****n-butyl acetate:**

Biodegradability rapidly degradable  
Biodegradation: > 90 %  
Exposure time: 28 d

**12.3 Bioaccumulative potential****Product:**

Bioaccumulation No data available

**Components:****n-butyl acetate:**

Partition coefficient: n-octanol/water log Pow: 2,3  
Method: OECD Test Guideline 117

**12.4 Mobility in soil****Product:**

Mobility No data available

**12.5 Results of PBT and vPvB assessment****Product:**

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

**12.6 Endocrine disrupting properties****Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects****Product:**

Additional ecological information Do not allow product to enter into ground water, bodies of water or sewage systems.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste"

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	Unhardened product residues should be disposed of under the recommended waste code number.
Contaminated packaging	Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 11* waste paint and varnish containing organic solvents or other hazardous substances  (* ) hazardous waste in terms of the European directive 2008/98/EG

**SECTION 14: TRANSPORT INFORMATION****14.1 UN number or ID number**

<b>ADR</b>	1263
<b>IMDG</b>	1263
<b>IATA</b>	1263

**14.2 UN proper shipping name**

<b>ADR</b>	PAINT
<b>IMDG</b>	PAINT
<b>IATA</b>	Paint

**14.3 Transport hazard class(es)**

<b>ADR</b>	3
<b>IMDG</b>	3
<b>IATA</b>	3

**14.4 Packing group**

<b>ADR</b>	
Packing group	III
Classification Code	F1
Hazard Identification Number	30
Labels	3
Tunnel restriction code	(D/E)
<b>IMDG</b>	
Packaging group	III
Labels	3
EmS number	F-E, <u>S-E</u>
<b>IATA</b>	
Packaging group	III

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Labels 3

**14.5 Environmental hazards**

**ADR**  
Environmentally hazardous : no

**IMDG**  
Marine pollutant : no

**14.6 Special precautions for user**

Not applicable

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

Remarks Not applicable

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

VOC  
Directive 2010/75/EU 75,4 %

VOC  
Directive 2004/42/EC 75,4 %  
684,8 g/l

EU limit value for this product (cat. A/h) :750 g/l This product contains  
max750 g/lVOC.

Regulation (EU) No 649/2012 of  
the European Parliament and the  
Council concerning the export and  
import of dangerous chemicals Not applicable

REACH - Restrictions on the  
manufacture, placing on the  
market and use of certain  
dangerous substances, mixtures  
and articles (Annex XVII) Conditions of restriction for the following entries should be considered:  
(3)

Further notes For further information, see also Technical Data Sheet for the product.

**15.2 Chemical safety assessment**

This information is not available.

**SECTION 16: OTHER INFORMATION**

Changes from the previous version are indicated by markings in the left-hand margin.

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The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

**Full text of H-Statements**

H226	: Flammable liquid and vapour.
H315	: Causes skin irritation.
H318	: Causes serious eye damage.
H336	: May cause drowsiness or dizziness.

**Full text of other abbreviations**

Eye Dam.	: Serious eye damage
Flam. Liq.	: Flammable liquids
Skin Irrit.	: Skin irritation
STOT SE	: Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Other information	It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.
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Department issuing MSDS  
REG\_EU / EN

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