

## SAFETY DATA SHEET

# SÜDWEST 2K-Acryllack-Verdünnung lang

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name SÜDWEST 2K-Acryllack-Verdünnung lang

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

Thinner, Diluent

Reserved for industrial and professional use.

Uses advised against

This information is not available.

#### 1.3 Details of the supplier of the safety data sheet

SÜDWEST Lacke + Farben GmbH & Co.KG  
Iggelheimer Str. 13  
D - 67459 Böhl-Iggelheim  
Telephone: +49 6324/709-0  
Telefax: +49 6324/709-175  
[www.suedwest.de](http://www.suedwest.de)

E-mail address of person responsible for the SDS  
European Union

[sdb@suedwest.de](mailto:sdb@suedwest.de)

#### 1.4 Emergency telephone number European Union

Phone: +44 (0)1235 239 670

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids,  
Category 3

H226: Flammable liquid and vapour.

Specific target organ toxicity  
- single exposure, Category

H336: May cause drowsiness or dizziness.

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3, Central nervous system

Specific target organ toxicity  
- single exposure, Category  
3, Respiratory system H335: May cause respiratory irritation.

Aspiration hazard, Category  
1 H304: May be fatal if swallowed and enters airways.

Chronic aquatic toxicity,  
Category 2 H411: Toxic to aquatic life with long lasting effects.

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Danger

Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Supplemental Hazard  
Statements

EUH066	Repeated exposure may cause skin dryness or cracking.
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Precautionary  
statements

#### Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe vapours.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Response:

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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**Disposal:**  
P501Contents/container to be disposed of  
through approved disposal contractor or  
taken to municipal collection point.Hazardous components  
which must be listed on  
the label:

Hydrocarbons, C9, aromatics

## 2.3 Other hazards

Results of PBT and vPvB assessment  
Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical nature

Solvent mixture

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (% w/w)
n-butyl acetate	123-86-4 204-658-1 01-2119485493-29-XXXX	Flam. Liq.3; H226 STOT SE3; H336	≥ 50 - < 75
Hydrocarbons, C9, aromatics	64742-95-6  01-2119455851-35-XXXX	Asp. Tox.1; H304 Flam. Liq.3; H226 STOT SE3; H335, H336 Aquatic Chronic2; H411  Note H (Table 3.1), Note P The CAS number is no longer specified in REACH registration, but still serves as identification in other areas.	≥ 50 - < 75

For explanation of abbreviations see section 16.

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## 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. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off contaminated clothing and shoes immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, 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. Seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, seek medical advice immediately and show this container or label. Keep at rest. Do NOT induce vomiting.

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

Symptoms	No information available.
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### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. No information available.
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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 spray or alcohol resistant foam.
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Unsuitable extinguishing media

## 5.2 Special hazards arising from the substance or mixture

High volume water jet

Fire may cause evolution of:

Carbon monoxide

Carbon dioxide (CO<sub>2</sub>)

Nitrogen oxides (NO<sub>x</sub>)

Exposure to decomposition products may be a hazard to health.

Cool closed containers exposed to fire with water spray.

## 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Fight fire with normal precautions from a reasonable distance.

Additional advice

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

Ensure adequate ventilation.

Do not breathe vapour.

Prevent unauthorized access.

### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

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).

Clean with detergents. Avoid solvents.

Clean contaminated surface thoroughly.

Dispose of contaminated material as waste according to item 13.

### 6.4 Reference to other sections

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

Comply with the statutory regulations on health and safety at work.

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Avoid formation of aerosol.  
Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit values.  
The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.  
All metal parts of the mixing and processing equipment must be earthed.  
Operators should wear antistatic footwear and clothing. No sparking tools should be used.

## Hygiene measures

Do not breathe spray, vapour.  
Take off immediately all contaminated clothing.  
Avoid contact with skin, eyes and clothing.  
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.

## 7.2 Conditions for safe storage, including any incompatibilities

### Requirements for storage areas and containers

Store in original container.  
Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking.  
Prevent unauthorized access.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Keep in a well-ventilated place.  
Protect from frost, heat and sunlight.

### Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors.  
Vapours may form explosive mixtures with air.  
Keep away from sources of ignition - No smoking.  
Take measures to prevent the build up of electrostatic charge.

### Advice on common storage

Keep away from combustible materials.  
Keep away from food, drink and animal feedingstuffs.  
Keep away from oxidizing agents and strongly acid or alkaline materials.

## 7.3 Specific end use(s)

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

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Contains no substances with occupational exposure limit values. The lists that were valid during the creation were used as basis.

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates solvent vapour below the occupational exposure limit values, suitable respiratory - protection must be worn. Washing facilities / water for rinsing eyes and skin should be available.

#### Individual protection measures, such as personal protective equipment

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

b) Skin protection  
Hand protection      Recommended preventive skin protection  
Before starting work, apply water-resistant skincare preparations to exposed skin areas.  
Protective gloves should be worn in case of skin contact during preparation and application.

Break through time: 480 min  
Minimum thickness: 0,4 mm  
Gloves made of nitrile rubber, e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent.  
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 EU Directive 89/686/EEC 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.

Body Protection      Preventive skin protection  
Long sleeved clothing  
Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All

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parts of the body should be washed after contact.

## c) Respiratory protection

When workers are facing concentrations above the occupational exposure limit values they must use appropriate certified respirators.  
Breathing protection equipment required in inadequately ventilated places and during spraying.  
In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator.  
Combination filter A-P2  
Respiratory protection complying with EN 14387.

## Environmental exposure controls

### General advice

The product should not be allowed to enter drains, water courses or the soil.  
If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	colourless
Odour	characteristic
Odour Threshold	No data available
pH	Not applicable
Melting point/freezing point	No data available
Initial boiling point and boiling range	ca. 128 - 185 °C
Flash point	ca. 29 °C Method: DIN 51755 Part 1
Evaporation rate	not applicable
Flammability (solid, gas)	not applicable
Lower explosion limit	1,0 %(V)
Upper explosion limit	10,5 %(V)
Vapour pressure	No data available
Density	ca. 0,876 g/cm <sup>3</sup> , 20 °C
Solubility(ies)(Water)	5,0 g/l, 20 °C



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Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Ignition temperature	420 °C
Viscosity, dynamic	No data available
Explosive properties	Not explosive, In use may form flammable/explosive vapour-air mixture.
Oxidizing properties	Not applicable

## 9.2 Other information

Flow time	No data available
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under conditions of normal use. Vapours may form explosive mixture with air.
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### 10.4 Conditions to avoid

Conditions to avoid	Direct sources of heat. Strong sunlight for prolonged periods.
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### 10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents
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### 10.6 Hazardous decomposition products

Hazardous decomposition products	No decomposition if stored and applied as directed.
Decomposition temperature	No data available

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 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	Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	
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.

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STOT - single exposure	May cause respiratory irritation., May cause drowsiness or dizziness.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	May be fatal if swallowed and enters airways.
Human experience	<p>Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.</p> <p>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.</p> <p>Solvent sprays can cause irritation and reversible damage to the eye.</p>
Further information	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).

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

Skin corrosion/irritation      Repeated exposure may cause skin dryness or cracking.

STOT - single exposure      Exposure routes: inhalation (vapour)  
May cause drowsiness or dizziness.

**Hydrocarbons, C9, aromatics :**

Skin corrosion/irritation      Repeated exposure may cause skin dryness or cracking.

STOT - single exposure      Exposure routes: Inhalation  
May cause respiratory irritation., May cause drowsiness

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or dizziness.

Aspiration hazard

May be fatal if swallowed and enters airways.

## 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

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

##### **Hydrocarbons, C9, aromatics :**

Biodegradability

Result: rapidly degradable

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation

No data available

#### Components:

##### **n-butyl acetate :**

Partition coefficient: n-  
octanol/water

log Pow: 2,3Method: OECD Test Guideline 117

### 12.4 Mobility in soil

#### Product:

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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 Other adverse effects

### Product:

Additional ecological information Do not allow product to enter into ground water, bodies of water or sewage systems. Harmful to aquatic life with long lasting effects.

## 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"  
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging Empty packaging should be recycled through disposal systems.

Waste key for the unused product 07 01 04\*: other organic solvents, washing liquids and mother liquors  
  
: (\*) hazardous waste in terms of the European directive 91/689/EEC

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

ADR 1993

IMDG 1993

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**IATA** 1993

## 14.2 UN proper shipping name

**ADR** FLAMMABLE LIQUID, N.O.S.  
(butyl acetates, Hydrocarbons, C9, aromatics)

**IMDG** FLAMMABLE LIQUID, N.O.S.  
(butyl acetates, Hydrocarbons, C9, aromatics)

**IATA** Flammable liquid, n.o.s.  
(butyl acetates, Hydrocarbons, C9, aromatics)

## 14.3 Transport hazard class(es)

**ADR** 3

**IMDG** 3

**IATA** 3

## 14.4 Packing group

### ADR

Packing group III  
Classification Code F1  
Hazard Identification Number 30  
Labels 3  
Tunnel restriction code (D/E)

### IMDG

Packaging group III  
Labels 3  
EmS number F-E, S-E

### IATA

Packaging group III

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Labels 3

## 14.5 Environmental hazards

### ADR

Environmentally hazardous yes

### IMDG

Marine pollutant yes

## 14.6 Special precautions for user

Remarks This information is not available.

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks Not applicable

## SECTION 15: REGULATORY INFORMATION

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

Directive 2010/75/EU 100 %  
876 g/l

Directive 2004/42/EC

Other regulations does not fall under Directive 2004/42/EC  
Comply with the statutory regulations on health and safety at work.

Take note of Dir 94/33/EC on the protection of young people at work.  
Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

### 15.2 Chemical Safety Assessment

This information is not available.

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## SECTION 16: OTHER INFORMATION

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

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.
H304	: May be fatal if swallowed and enters airways.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H411	: Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Chronic	: Chronic aquatic toxicity
Asp. Tox.	: Aspiration hazard
Flam. Liq.	: Flammable liquids
STOT SE	: Specific target organ toxicity - single exposure

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; AICS - Australian Inventory of Chemical Substances; 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



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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; TCSI - Taiwan Chemical Substance 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

The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 1272/2008.

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.

Department issuing  
MSDS  
REG\_EU / EN

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