

SECTION 1: Identification of the substance/mixture and of the company/undertaking

40-00.clp.eu

1.1 Product identifier

Trade name: **LAL Plus**
Hue: All colors
Reference-no.: 1103.000.01.V12
Article-No.: --

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

This product may only be used in the manner provided. A liability for improper application is excluded.

Sector of Use:

SU 5 Manufacture of textiles, leather, fur
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category:

PC9a Coatings and paints, thinners, paint removers
PC23 Leather tanning, dye, finishing, impregnation and care products

Process category:

PROC 7 Industrial spraying
PROC10 Roller application or brushing
PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises

Environmental release category:

ERC8a Wide dispersive indoor use of processing aids in open systems
ERC11b Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)
Article category: -

Application of the substance / the preparation:

For professional use only.



(Please note the application instructions.)

Paint for leather-stuff.

Uses advised against: Of an application on textiles is discouraged.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:

LCK GmbH
Im Unterfeld 2
D-76698 Ubstadt-Weiher

Informing department:

Product-Development: ☎ ++49 - 7251 / 9625 - 0 (info@lederpflege.de)

1.4 Emergency telephone number

Manufacturer / Supplier:

Laboratory: ☎ ++49 - 7251 / 9625 - 0 (08:00 - 16:30)

Poison Control Center:

England and Wales: Scotland: Republic of Ireland:
☎ NHS Direct - 0845 4647 NHS 24 - 08454 24 24 24 01 809 2166

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]:



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC [DSD/DPD]:

Dangerous preparation according to EC directives.



Xi; Sensitising

R43: May cause sensitisation by skin contact.



F; Highly flammable

R11: Highly flammable.

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N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Vapours of the product are heavier than air and may accumulate on the ground, in mines, drains or cellars with higher concentration.

Has a narcotising effect.

Classification system:

The classification complies with current EC lists. This was complemented by information from technical literature and from own studies.

2.2 Label elements

The labeling of the product is currently being switched to CLP.

There may still be packagings with a DPD labeling in circulation.

Labelling according to Regulation (EC) No 1272/2008 [CLP]: The product is classified and labelled according to the CLP regulation.

Hazard pictograms

(See section 2.1)

GHS02, GHS07, GHS09

Signal word: Danger

Hazard-determining components of labelling:

1-Ethoxypropan-2-ol

C.I. SOLVENT BROWN 42

n-Butyl acetate

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information: The note to allergenic ingredients only applies to red-brown hues!

Labelling of packages where the contents do not exceed 125 ml:

Hazard pictograms: GHS02, GHS07, GHS09

Signal word: Danger

Hazard-determining components of labelling:

1-Ethoxypropan-2-ol

C.I. SOLVENT BROWN 42

n-Butyl acetate

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves / eye protection.

P272 Contaminated work clothing should not be allowed out of the workplace.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment: Not applicable.

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SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Substances -

3.2 Chemical characterisation: Mixtures

Description: Leathercolour, containing organic solvents.

Dangerous components:

CAS No.	Designation / Identification	%
CAS: 1569-02-4 EINECS: 216-374-5 Index number: 603-177-00-8 Reg.nr.: 01-2119462792-32-	1-Ethoxypropan-2-ol R10-67 ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	50 - 75%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29-	n-Butyl acetate R10-66-67 ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	25 - 50%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119991100-47- 01-2119450011-60-	(2-Methoxymethylethoxy)propanol substance with a Community workplace exposure limit.	3-5%
CAS: 12227-55-3 Reg.nr.: -	C.I. SOLVENT RED 122 ⚠ N R50/53 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	3-5%
CAS: 19089-47-5 EINECS: 242-806-7 Reg.nr.: -	2-Ethoxypropanol R10 ⚠ Flam. Liq. 3, H226	1-<3%
CAS: 32171-23-6 Polymer Reg.nr.: -	Poly-2-hydroxy-biphenyl (8 EO) ⚠ Xn R22; ⚠ Xi R41 ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	1-<3%
CAS: 68214-26-6 EC number: 936-609-1 Reg.nr.: 01-2119881358-25-	C.I. SOLVENT BROWN 42 ⚠ Xi R43; ⚠ N R50/53 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sens. 1, H317	1-<2.5%

Other ingredients: .

CAS No.	Designation / Identification	%
34590-94-8	(2-Methoxymethylethoxy)propanol	3-5%

By suppliers unidentified ingredients:

Designation	%
C.I. Solvent complex dyes	3-5%

SVHC (Substances of Very High Concern): Contains no listed substances.

Additional information:


For the wording of the listed risk phrases refer to section 16.

More informations about the ingredients can be found at [www.dguv.de / find ifa / en / gestis / stoffdb / index.jsp](http://www.dguv.de/find_ifa/en/gestis/stoffdb/index.jsp).

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

 Remove the victim immediately from the danger area.
If the patient is unwell consult a doctor and present this data sheet.

Instantly remove any clothing soiled by the product.

After inhalation:

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

After skin contact: Instantly wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing: In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

Disziness

Allergic reactions

Information for doctor: None.

Danger: Danger of system failure.

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4.3 Indication of any immediate medical attention and special treatment needed Monitor circulation.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:



CO₂, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents:



Water.

Water with a full water jet.

5.2 Special hazards arising from the substance or mixture

In case of fire the following gases are released:

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Can form explosive gas-air mixtures.

5.3 Advice for firefighters

Protective equipment: No special measures required.

Fire fighting information:

Cool containers with water jet. Transport containers can burst explosively due to severe heat.

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

Collect contaminated extinguishing water separately, must not get into the sewerage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



Keep away from ignition sources.



Remove unauthorised persons from the danger area.

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

The product must not get into lakes, rivers or canals, the sewage system or into the soil. Dam up or trap any escaping fluid immediately.

Inform respective authorities in case product reaches water or sewage system.

Prevent material from reaching sewage system, holes and cellars.

Gases / vapors / mists with water.

Keep dirty washing water for appropriate disposal.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

Ensure adequate ventilation.

Do not rinse away with water or aqueous cleaning agents.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8.2 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:



Do not eat, drink or smoke when processing the product.

Ensure good ventilation / exhaust at the workplace.



When decanting the product, earth all equipment on account of static charging. Only use explosion-protected equipment.

Keep containers tightly sealed.

Store in cool, dry place in tightly closed containers.

Open and handle container with care.

Prevent formation of aerosols.

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Information about protection against explosions and fires:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers: Store only in the original container.

Information about storage in one common storage facility:



Do not store together with food, beverage or animal feed.

Store away from oxidising agents.

Further information about storage conditions:



Protect against frost, severe exposure to the sun and contaminants.

Must be stored in a collecting room.

Maximum storage temperature: 35 °C

Minimum storage temperature: 8 °C

Recommended storage temperature: 10 °C to 35 °C

Storage class: 3

7.3 Specific end use(s): The product intended solely for the application stated in the product description. (See section 1.2)

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems: Provide good workplace ventilation / air extraction.

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

DNELs: The values given for the "Derived-No-Effect-Level" are calculated for private consumers.

CAS No.		Designation of material
1569-02-4		1-Ethoxypropan-2-ol
Inhalative	DNEL	190 mg/m ³ (men)
123-86-4		n-Butyl acetate
Oral	DNEL	3.4 mg/human/day (Humans)
Dermal	DNEL	3.4 mg/kg/day (Humans)
Inhalative	DNEL	12 mg/m ³ (Humans)

PNECs: All data apply to individual ingredients.

CAS No.		Designation of material
1569-02-4		1-Ethoxypropan-2-ol
PNEC	2.4 mg/kg (Ground)	
	10 mg/l (Freshwater)	
123-86-4		n-Butyl acetate
PNEC	0.0981 mg/kg (Sediment)	
	0.18 mg/l (Freshwater)	

Workplace exposure limits: United Kindom / EU

CAS No.	Designation of material	Type	Value	Unit
123-86-4 n-Butyl acetate				
WEL (Great Britain)	Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm			
34590-94-8 (2-Methoxymethylethoxy)propanol				
WEL (Great Britain)	Long-term value: 308 mg/m³, 50 ppm Sk			
IOELV (European Union)	Long-term value: 308 mg/m³, 50 ppm Skin			

Additional information: The applicable national list was used as the basis for the preparation and / or revision of this safety data sheet.

8.2 Exposure controls

8.2.0 Personal protective equipment:

The use of protective equipment may be required for commercial use of the product. Type and extent depend on the workplace.

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8.2.1 General protective and hygienic measures:



Wash hands during breaks and at the end of the work.



Do not eat, drink, smoke or take snuff while working.



Use skin protection cream for preventive skin protection.

Use a moisturising skin cream after processing the product.

Instantly remove any soiled and impregnated garments.

8.2.2 Breathing equipment:



Respiratory protection necessary at aerosol formation or insufficient ventilation.

- **Recommended filter device for short term use [< 15 Min]:**

Filter FFP2

Combination filter AX-P2

- **Recommended filter device for commercial use [< 15 min]:**

Please note the manufacturers limitation of the wearing time.

Full face mask

Combination filter AX-P2

8.2.3 Protection of hands:



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.*

- **Material of gloves:**

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material:** The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**

0,2 - 0,4 mm; ≤ 120 min.

Butyl rubber, BR

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

- **For the permanent contact gloves made of the following materials are suitable:**

0,5 - 0,7 mm; 120 - 240 min.

PVC or PE gloves

Plastic gloves

Butyl rubber, BR

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

- **Not suitable are gloves made of the following materials:**



Natural rubber, NR

Rubber gloves

Leather gloves

Strong gloves

8.2.4 Eye protection:



Safety glasses.

Tightly sealed safety glasses.

When spraying goggles or face mask.

8.2.5 Body protection:



Protective work clothing.

Solvent resistant protective clothing

Impervious protective clothing

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8.3 Risk management measures:

There are no measures established for the risk management of ingredients according to Article 32 of Regulation (EC) No 1907/2006.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Colour:	According to product specification
Smell:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not applicable.

Change in condition:

Boiling point/Boiling range:	124 °C (DIN)
Flash point:	19 °C (DIN ISO 2592)
Fire behavior:	The product supports combustion.
Ignition temperature:	255 °C (DIN 51794)

Decomposition temperature:	Not determined.
Self-flammability:	The product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Critical values for explosion:	[Highest / lowest value of individual components]
Lower:	1.2 Vol % (DIN 51649)
Upper:	12.0 Vol % (DIN 51649)
Oxidizing properties:	Product is not oxidizing.
Steam pressure at 20 °C:	13 hPa (DIN 51640) [Value is calculated]
Density at 20 °C:	0.94 g/cm ³ (DIN 51757)
Settled apparent density:	Not applicable.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic at 20 °C:	9 mPas (DIN 53019)
Solvent separation test:	< 3 % (UN Manual III, 32.5.1) < 3%
Liquid constituents:	
Flammable components:	90.7 %

9.2 Other informations

VOC (EU):	848.6 g/l
VOC (EU):	90.68 %
Remark:	The product is not subject to the VOC Directive 2004/42 EU.

SECTION 10: Stability and reactivity

10.1 Reactivity: This product has no / low chemical reactivity.

10.2 Chemical stability: The product is in compliance with the storage and processing conditions, chemically stable.

Conditions to be avoided: No decomposition when properly applied and stored.

10.3 Possibility of hazardous reactions:

Forms explosive gas mixture with air.
Reacts with strong oxidizing agents

10.4 Conditions to avoid: See section 7.2

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: If handled and stored properly dangerous products of decomposition are not to be expected.

Additional information: There is no risk of decomposition or uncontrolled chemical reaction when the specified application conditions are complied with.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

With this product no toxicological studies were performed on living organisms. The following data are literature values of individual ingredients that have no claim to completeness.

Components		
Type	Value (Species)	
1569-02-4 1-Ethoxypropan-2-ol		
Oral	LD 50	4400 mg/kg (rat)
Dermal	LD 50	8100 mg/kg (Rabbit)
123-86-4 n-Butyl acetate		
Oral	LD 50	10760 mg/kg (rat) (OECD 423)
Dermal	LD 50	> 14112 mg/kg (Rabbit) (OECD 402)
Inhalative	LC 50/4	23.4 mg/l/4h (rat) (OECD 403)
34590-94-8 (2-Methoxymethylethoxy)propanol		
Oral	LD 50	5135 mg/kg (rat)
Dermal	LD 50	9500 mg/kg (rat)
Inhalative	LC 50/4	55 - 60 mg/l/4h (rat)
12227-55-3 C.I. SOLVENT RED 122		
Oral	LD 50	1450 mg/kg (rat)

Specific symptoms in biological assay: We do not have any knowledge of this.

Primary irritant effect:

on the skin:

No primary irritant effect.

Skin irritation possible due to drying effect.

Skin irritations are possible by people with sensitive skin (allergies).

on the eye: Strong irritant with the danger of severe eye injury.

Sensitisation: The product contains sensitizing substances (see chapter 3). Predisposed persons is not recommended to use the product.

Subacute to chronic toxicity:

Result: Repeated or prolonged skin contact may cause defatting of the skin and cause dermatitis. The skin can become sensitive to other irritants.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

Sensitizing

Repeated dose toxicity: Not tested.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): The product contains no CMR-substances.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: The following values were obtained from the literature.

CAS	Chemical name
Type of test	Effective concentration (Species)
1569-02-4 1-Ethoxypropan-2-ol	
EC 10/18h	4600 mg/l (Pseudomonas putida)
EC 50/24h	1000 mg/l (Alge)
LC 50/48h	> 10000 mg/l (Pimephales promelas)
123-86-4 n-Butyl acetate	
EC 10	959 mg/l (Pseudomonas putida)
EC 50/48h	44 mg/l (Daphnia magna)
EC 50/72h	674 mg/l (Desmodesmus subspicatus)
LC 50/48h	64 mg/l (Brachydanio rerio)
LC 50/96h	18 mg/l (Pimephales promelas) (OECD 203)
NOEC (72h)	200 mg/l (Desmodesmus subspicatus)
34590-94-8 (2-Methoxymethylethoxy)propanol	
EC 50/24h	1.92 mg/l (Daphnia magna)
LC 50/48h	> 10000 mg/l (Pimephales promelas)

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12227-55-3 C.I. SOLVENT RED 122

EC 50/48h | 1 - 10 mg/l (Daphnia magna)

12.2 Persistence and degradability

Evaluation text: We do not have any data on this point.

Other information: The product is moderately biologically degradable

12.3 Bioaccumulative potential The following data were taken from the literature.

CAS Chemical name

Type of test Effective concentration

123-86-4 n-Butyl acetate

Bioakkumulation | 2.3 log Pow (n.a) (OECD 117)

34590-94-8 (2-Methoxymethylethoxy)propanol

Bioakkumulation | -0.35 log Pow (n.a)

12.4 Mobility in soil No further relevant information available.

Other information: We do not have any data on this point.

12.5 Ecotoxicological effects:

Remark: Toxic for fish

12.5.1 Behaviour in sewage processing plants:

Type of test Effective concentration Method Assessment

1569-02-4 1-Ethoxypropan-2-ol

Abbaubarkeit (28d) | 88 % (n.a)

123-86-4 n-Butyl acetate

Abbaubarkeit (28d) | 83 % (Bio-sludge) (OECD 301 D)

34590-94-8 (2-Methoxymethylethoxy)propanol

Abbaubarkeit (28d) | > 70 % (Bio-sludge)

Comment:

The product has very poor biological degradability due to its low water solubility; this will not disturb the activity of biological sludge and the operation of the water purification plant.

Other information: None.

12.5.2 Additional ecological informations:

COD-value: No data available.

BOD-value: No data available.

12.5.3 According to recipe contains the following heavy metals and compounds according to EC guideline NO. 2006/11 EC:

copper
chromium
Cobalt

12.5.4 General notes:

Danger to drinking water if even small quantities leak into soil.

Toxic for aquatic organisms



12.6 Results of PBT and vPvB assessment No effects.

12.7 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation:

  Must not be disposed of together with household garbage.
Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulations.

After prior treatment product has to be disposed of in an incinerator for hazardous waste under adherence to the regulations pertaining to the disposal of particularly hazardous waste.

Waste disposal key number:

A The classification in a waste code according to the european waste catalogue (EWC) is to be made in accordance with the regional responsible for waste disposal.
(1. Product, 2. Container, 3. Overpack)

European waste catalogue:

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish

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08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Recommended cleaning agent:

Cleaning by recycler.

Water, if necessary with cleaning agent.

Cleaned / completely emptied packaging:



Packaging which does not exhibit any harmful adhering products (e.g. cured or cleaned) can be sent for reprocessing.

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SECTION 14: Transport information

14.1 UN-Number ADR, IMDG, IATA	UN1263
14.2 UN proper shipping name ADR IMDG IATA	1263 PAINT RELATED MATERIAL, ENVIRONMENTALLY HAZARDOUS PAINT RELATED MATERIAL (C.I. SOLVENT RED 122, C.I. SOLVENT BROWN 42), MARINE POLLUTANT PAINT RELATED MATERIAL
14.3 Transport hazard class(es) ADR  Class Label	3 (F1) Flammable liquids. 3
IMDG  Class Label	3 Flammable liquids. 3
IATA  Class Label	3 Flammable liquids. 3
14.4 Packing group: ADR, IMDG, IATA	II
14.5 Environmental hazards: Marine pollutant: Special marking (ADR):	Product contains environmentally hazardous substances: C.I. SOLVENT RED 122 Yes Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user: Kemler Number: EMS Number: Segregation groups	Warning: Flammable liquids. 33 F-E, <u>S</u> -E -
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.

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14.8 Transport/Additional information:

ADR

Limited quantities (LQ):

5L



Excepted quantities (EQ):

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

2

D/E

Transport category

Tunnel restriction code

Remarks:



Water hazardous substance.

Prohibition for vehicles with water-polluting charge over 20 liters.

The shipment of this product via post is regulated.

IMDG

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

Remarks:

None.

IATA

Comments:

Please note the general and specific packing instructions of IATA / ICAO.

PI Ltd Qty:

Y 341

PI Pass.:

353

PI Cargo:

364

14.9 UN "Model Regulation":

UN1263, PAINT RELATED MATERIAL, 3, II, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

REACH Annex XVII: The ingredients are not listed.

National regulations: National regulations are to be determined by the user's own responsibility.

United Kingdom: National regulations are unknown.

15.2 Chemical safety assessment For ingredients with an ECHA-registration are Chemical Safety Assessments available.

SECTION 16: Other information

The above details are based on the latest state of our knowledge. Processing notes for this product are listed in a technical data sheet.

Existing laws, decrees and regulations, even those which are not stated in this data sheet are to be complied by the recipient of our products at his own responsibility.

Reasons for changes: Updating of data.

Relevant phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

R10 Flammable.

R22 Harmful if swallowed.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Training hints



In case of commercial use, employees are to be informed about the potential dangers every year.

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Trade name: **LAL Plus**

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Department issuing data specification sheet:



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Note:

The informations about ingredients given in this data sheet are basing on the informations of our suppliers of raw materials. Despite careful handling, the completeness and correctness of these data can not be guaranteed. This is especially true for substances below their declaration limit and for substances without classification or without attribution to a CAS number.

Physical data were identified by the manufacturer of this product. They represent no assurance of product characteristics and establishes no legal contractual relationship.

The validity of this safety data sheet expires one year after its release.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

IOELV: Indicative Occupational Exposure Limit Value (EU)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

[*] Those chapters marked with (*) were changed to the previous version of this MSDS.

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