

Safety Data Sheet

Issued in accordance with Regulation UE 453/2010 of 20 May 2010 amending Regulation EC No. 1907/2006 on REACH

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

1.1. Product identifier

Product Name: 4ALL-SA-02-EN, 4ALL-SA-03-EN, 4ALL-SA-04-EN, 4ALL-SA-05-EN, 4ALL-SA-07-EN

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

Identified application types: Product for sealing joints of precast concrete elements, terrace expansion joints, openings through roofings, skylights, basement walls.

Non-recommendable application types: no data available

1.3. Details of supplier of this safety data sheet:

Name and address: Rawlplug S.A. ul. Kwidzyńska 6, 51-416 Wrocław
Telephone number: + 48 (0) 71 32 60 100
Fax number: + 48 (0) 71 37 26 111
E-mail address: infochem@rawlplug.com
Person responsible for preparation of this Safety Data Sheet: infochem@rawlplug.com

1.4. Emergency telephone number:

112

+ 48 661 970 365 Mon. – Fri. 08:00 am - 4.00 pm

National Counselling Institute/Intoxication Centre

Toxicological Information in Poland: +48 42 631 47 24 from 7:00 am - 3.00 pm

SECTION 2: Hazards Identification

2.1. Classification of the substance or blend

Product definition: Blend

Classification according to EU Regulation No. 1272/ 2008(CLP)

Mixture classification	Compliant with EU Regulation No.1272/ 2008
Hazards	
Due to physico-chemical properties:	Flam. Liq.3 H226
For human:	Skin Sens.1 H317 STOT SE.3 H336
For environment:	Non-classified

2.2. Labelling elements

Contains rosin (colophony), n-butyl acetate (butyl ethanoate)



Signal word: **ATTENTION**

Hazard statements:

H226 Inflammable liquid and vapours

H317 May cause an allergic skin reaction

H336 May cause sleepiness or dizziness

Additional information on the label:

EUH066 Recurring exposure may cause skin dryness and cracking

Precautionary statements:

P102 Keep away from children.

P210 Keep away from heat/arcng/open fire/hot surfaces. – No smoking.

P262 Keep away from eyes, skin or clothing.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P285 In case of insufficient ventilation apply individual means of airways protection.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

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

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position enabling breathing.

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

P402 + P404 Keep in dry place. Keep in a sealed container.

P501 Discard the contents/container dispose in accordance with local requirements (see: Section 13).

2.3. Other hazards.

Ingredients of the mixture do not comply with the criteria of PBT and vPvB in accordance with attachment of XIII Regulation REACH.

SECTION 3: Composition/ information on ingredients

3.1. Substances: non applicable

3.2. Mixture:

Name of the substance	Identifiers	[% of weight]	Classification according to (WE) No 1272/2008 [CLP/GHS]
n-butyl acetate	Index No.: 607-025-00-1 WE: 204-658-1 CAS: 123-86-4 REACH registry No.: 01-2119485493-29-XXXX	<25	Flam. Liq.3 H226 STOT SE.3 H336 EUH066
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclic, <2% of aromatics	Index No.: - WE: 919-029-3 CAS: - REACH registry No.: 01-2119457735-29-XXXX	<40	Asp. Tox.1 H304 EUH066
Mixture alpha-3-[3-(2H-benzotriazole-2-ilo)5-tert-butyl-4-hydroxyphenyl]-propionyl-omega-hydroxypols(oxyethylene) and alpha-3-[3-(2H-benzotriazole-2-ilo)5-tert-butyl-4-hydroxyphenyl]-propionyl-omega-3-[3-(2H-benzotriazole-2-ilo)5-tert-butyl-4-hydroxyphenyl]prophio nyloxipole (of oxyethylene)	Index No.: 607-176-00-3 WE: 400-830-7 CAS: - REACH registry No.: substance is the subject to the regulations of transitional period.	<0,5	Skin Sens.1 H317 Aquatic Chronic2 H411
Sebacetate bis(1,2,2,6,6-penthamethylo-4-piperidinylo)	Index No.: - WE: 255-437-1 CAS: 41556-26-7 REACH registry No.: substance is the subject to the regulations of transitional	<0,2	Skin Sens.1 H317 Aquatic Acute1 H400 Aquatic chronic1 H410

	period.		
Sebacetate methylo-1,2,2,6,6-penthamethylo-4-piperydinyl	Index No: WE: 280-060-4 CAS: 82919-37-7 REACH registry No.: substance is the subject to the regulations of transitional period.	<0,1	Skin Sens.1 H317 Aquatic Acute1 H400 Aquatic chronic1 H410
Silicon dioxide	Index No.: - WE: 231-545-3 CAS: - REACH Registry No.: 01-211379499-16-XXXX	<5	Product is not classified as hazardous substance. Information on the ingredient is stated because of TLV.
Colophony (rosin)	Index No.: 650-015-00-7 WE: 232-475-7 CAS: 8050-09-7 REACH registry No.: 01-2119480418-32-XXXX	<1,5	Skin Sens.1 H317
Hydrocarbons, C6, isoalkanes <5% n-hexane	Index No.: - WE: 213-048-4 CAS: 931-254-9 REACH registry No.: 01-2119484651-34-XXXX	<0,9	Flam. Liq.2 H225 Asp. Tox.1 H304 Skin Irrit.2 H315 STOT SE.3 H336 Aquatic Chronic 2 H411
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, aromatics, < 5% n-hexane	Index No.: - WE: 921-024-6 CAS: 64742-49-0 REACH registry No.: 01-2119475514-35-XXXX	<2,0	Flam. Liq.2 H225 Asp. Tox.1 H304 Skin Irrit.2 H315 STOT SE.3 H336 Aquatic Chronic 2 H411

There are no additional ingredients, which, to the best knowledge of the producer, contribute to the classification of a product. Full contents of commands R, H: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eye contact: Check for and remove any contact lenses if possible. Immediately flush eyes with plenty of water. Get medical attention in case of continuing irritation.

Following inhalation: In case of dizziness or nausea move the exposed individual to the fresh air, in case of lack on instant recovery get medical attention.

Following skin contact: Remove the product with cloth or paper. Rinse with plenty of water or water with soap. In case of visible skin irritation or any complaints get medical attention.

Following ingestion: In case of swallowing do not induce vomiting. In case of vomiting, keep the head in a low position in order to prevent get the vomit from entering the lungs. If unconscious – put the person on the side in the recovery position. Call the doctor immediately.

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

Product may cause dizziness, allergic reaction, dryness or cracking of the skin.

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

In case of any warning symptoms, such as irritation or skin lesions, eye or airways irritation, problems with breathing, dizziness, nausea contact the doctor immediately. Present this Safety Data Sheet or product label.

Information for the doctor: After swallowing product may be aspired to the lungs and cause chemical lung inflammation. Follow proper medical treatment.

Guides for the doctor: symptomatic treatment.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media: fire fighting powders, foams, sand, CO₂

Unsuitable extinguishing media: direct water jet

5.2. Special hazards arising from the substance or mixture

In case of fire, in high temperature, hazardous decomposition products may arise, containing, e.g. carbon oxides.

5.3. Advice for fire fighters

Protective equipment for fire fighters: In fire fighting operations and rescue operations in conditions of fire, fire fighters ought to wear protective clothing (including helmet, gloves, rubber shoes) compliant with European Norm EN 469 as well as self-contained breathing apparatus with a full face piece.

Protective activities for fire fighters: Cool containers exposed to fire or high temperature by spraying water from the safe distance, and, if possible, remove them from exposure. Prevent the mixture from accessing ground water, drinkable water tapping and sewage system. Sewage and fire debris remove in accordance with local requirements.

SECTION 6: Accidental release to environment measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Inform people potentially concerned about the emergency, remove all the people not involved in recovery actions, announce evacuation if needed. Avoid skin and eye contamination. Avoid inhaling vapours/fog. Provide efficient ventilation.

For emergency responders

See SECTION 8 for information on appropriate personal protective equipment.

6.2. Environmental precautions

Avoid dispersal of spilled material and its contact with soil, sewers, surface and ground water. Inform the relevant authorities if the product has caused environmental pollution (of sewage, watercourse, soil and air).

6.3. Methods and material for containment and cleaning up

Prevent spreading and remove by means of collecting on an absorbing material (sand, sawdust, diatomaceous earth, universal absorbent), put contaminated material in properly labelled containers to be disposed in accordance with local requirements.

6.4. Reference to other sections

See SECTION 8 for information on appropriate personal protective equipment.

See SECTION 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Safety measures

Avoid skin and eye contamination and inhaling the product. Wear appropriate personal protection equipment (see SECTION 8). Provide proper air exchange whilst handling with the mixture. Wear proper mask protection in case of insufficient ventilation. Keep away from foods and drinks. Keep away from fire. No smoking. Do not use sparking tools.

Health and safety precautions:

Avoid long-term contact with the skin. Do not eat, drink and smoke whilst working with the product. Follow health and safety regulations. Wash your hands before every break and after finishing work.

7.2. Conditions for safe storage and in case of incompatibilities.

Store in an original container, sealed, in a cool, dry place of proper ventilation. Avoid exposure to sunlight and sources of heat, hot surfaces and source of open fire. Do not store materials moistened with the product (risk of fire). Keep away from damp and frost. Must not be stored outdoors.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

In accordance with the Regulation of Minister of Labour and Social Policy of 29th November 2002 on the Highest Acceptable Concentration of factors harmful to human health in the workplace (Journal of Laws No. 217, pos. 1833 further amended: Journal of Laws No. 161, pos. 1142: 2007) ingredients with controlled threshold values depending on the workplace:

Substance name	Highest Acceptable Concentration (mg/m ³)	Short-term Acceptable Concentration (mg/m ³)	Highest Concentration	Threshold Limit Value (mg/m ³)
N-butyl acetate	200	950		-
Silicon dioxide	2 (dust inhaled; POL MAC)	-		-

8.2. Exposure controls

Proper technical controls

Apply the product according to labour health and safety regulations. Do not eat, drink and smoke whilst working with a product and follow personal health and safety regulations. Wash your hands before every break and having finished working.

Personal Protection and Personal Protective Equipment

Eye/face protection

Use safety glasses with side shields or face cover depending on risk assessment.

Skin protection

Hands protection: Protective gloves indicated by gloves producer for handle with this product. Follow the data provided by glove producers concerning tightness and puncture period

General skin protection: Apply protection clothing: (apron, shoes) resistant to chemicals. Do not store protective clothing with private clothes. Wash soiled clothing before another use.

Airways protection: in standard conditions and appropriate ventilation – not required. In case of longer or stronger exposure: mask with A-type filter.

Environmental exposure controls

Provide regular controls of ingredients concentration in the workplace not to exceed threshold concentration values. Prevent from entering sewage system, watercourse and soil. Inform proper authorities if the product caused environmental contamination (of soil, sewage system, water course).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Paste of colour compliant with label
Odour	Solvent-type smell
Odour threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Non applicable
Upper/lower flammability or explosive limit	Not determined

Vapour pressure	Not determined
Vapour density	Not determined
Relative density	0,90 – 0,95 g/cm ³ in temp. 25 ⁰ C
Solubility	Practically insoluble in water
Partition coefficient n-octanol/water	Non applicable
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidizing properties	Not determined
9.2. Other information:	No additional data

SECTION 10: Stability and reactivity

10.1. Reactivity:

Product is not reactive in room temperature, unless it reacts with dampness from the air.

10.2. Chemical stability:

Product stable in room temperature, unless it reacts with dampness from the air.

10.3. Possibility of hazardous reactions:

No data available.

10.4. Conditions to avoid:

Avoid overheating and direct exposure to sunlight, hot surfaces and open fire. Protect from dampness. Keep away from frost.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products.

Toxic decomposition products are released in high temperatures – carbon dioxides.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

Acute toxicity

n-butyl acetate

LD50 (rabbit, skin)	> 14000 mg/ kg
LD50 (rat, orally)	10760 mg/kg
LC50 (rat, inhaled)	23,4 mg/kg

Mixture of alpha-3-[3-(2H-benzotriazole-2-ilo)5-tert-buthylo-4-hydroxyphenylo]-propionylo-omega-hydroxypoli(oxyetylene) and alpha-3-[3-(2H-benzotriazole-2-ilo)5-tert-buthylo-4-hydroxyphenylo]-propionylo-omega-3-[3-(2H-benzotriazole-2-ilo)5-tert-buthylo-4hydroxyphenylo]propionyloxypoli(oxyetylene)

LD50 (rat, skin)	>2000 mg/kg
LD50 (rat, orally)	>5000 mg/kg
LC50 (rat, inhaled)	>5,8 mg/l exposure time: 14d

Colophony (rosin)

LD50 (rabbit, skin)	>2000 mg/kg
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LD50 (rat, orally) 2800 mg/kg
 LC50 (inhaled) Not determined

Irritation/corrosivity to the skin

Mixture has not been classified as irritating the skin.

Harmful/irritating to the eyes

Mixture has not been classified as harmful to the eyes

Allergizing to airways or the skin

Mixture has been classified as possibly allergizing the skin

Mutagenic to reproductive cells

Mixture has not been classified as mutagenic to reproductive cells

Carcinogenic

Mixture has not been classified as carcinogenic

Harmful to fertility

Mixture has not been classified as harmful to fertility

Toxic to the target organs – single exposure

Mixture has been classified as toxic to the target organs after single exposure

Toxic to the target organs – repeated exposure

Mixture has not been classified as toxic to the target organs after repeated exposure

Hazardous due to aspiration

Mixture has not been classified as hazardous due to aspiration

Additional information

Handle product with care due to chemicals. Repeated exposure may cause dryness or cracking of the skin.

SECTION 12: Ecological information

12.1. Toxicity

Not determined for the product. Data below concerns product ingredients.

n-butyl acetate

- water invertebrates (Daphnia magna)	EC50	44 mg/l exposure time: 48h
- algae (Desmodesmus subspicatus)	EC50	68 mg/l exposure time: 72h
- fish (Pimephales promelas)	LC50	18 mg/l exposure time: 96h

Mixture of alpha-3-[3-(2H-benzotriazole-2-ilo)5-tert-buthylo-4-hydroxyphenylo]-propionylo-omega-hydroxypoli-(oxyetylene) and alpha-3-[3-(2H-benzotriazole-2-ilo)5-tert-buthylo-4-hydroxyphenylo]-propionylo-omega-3-[3-(2H-benzotriazole-2-ilo)5-tert-buthylo-4-hydroxyphenylo]-propionyloxypols-(oxyetylene)

- water invertebrates (Daphnia magna)	EC50	4,0 mg/l exposure time: 24h
- algae (Pseudokirchnerella subcapitata)	EC50	> 9 mg/l exposure time: 72h
- fish (Oncorhynchus mykiss)	LC50	2,8 mg/l exposure time: 96h

Colophony (rosin)

- water invertebrates (Daphnia magna)	EL50	911mg/l exposure time: 48h
- algae (Pseudokirchnerella subcapitata)	EL50	>1000 mg/l exposure time: 72h
- fish (Danio rerio)	LL50	<10 mg/l exposure time: 96h

12.2. Persistence and degradability

Zawartość substancji nie jest biodegradowalna. Produkt hydrolizy (kwas octowy) jest biologicznie łatwo degradowalny.
 Not determined for the product

12.3. Bioaccumulative potential

Not determined for the product

12.4. Mobility in soil

Not determined for the product

12.5. Results of PBT and vPvB assessment

Ingredients of the mixture are not assessed to be a PBT or a vPvB according to Attachment XIII REACH.

Regulation

12.6. Other adverse effects

No information collected on harmful effects or critical hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not allow product to reach sewage system, ground water or watercourse. Do not dispose to municipal landfill site. Material must be disposed as a waste or recycled. Empty packaging might contain product leftovers. Packaging must not be treated as a waste for municipal landfill site.

European Waste Catalogue (EWC)

Waste code: 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

Packaging

European Waste Catalogue (EWC)

Waste code: 15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

	ADR/RID	IMDG	IATA DGR
14.1. UN number (ONZ number)	1325	1325	1325
14.2. UN proper shipping name	Solid flammable material, organic I.N.O. (n-butyl acetate)	Solid flammable material, organic I.N.O. (n-butyl acetate)	Solid flammable material, organic I.N.O. (n-butyl acetate)
14.3. Transport hazard class(es)	4.1	4.1	4.1
14.4. Packaging group	III	III	III
14.5. Environmental hazards	Non-applicable	Non-applicable	Non-applicable
14.6. Special precautions for users	Non-applicable		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Non-applicable		

SECTION 15: Regulatory information

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

Act of 11th January 2001 on chemical substances and formulated products (consolidated text: Journal of Laws of 2009, No. 152, pos. 1222, of 2010, No. 107, pos. 679, No. 182 pos. 1228).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (correction of Journal of Laws L 136 of 29.05.2007 with amendments).

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (text with EEA relevance) of 18th December 2006 (Journal of Laws L 133 of 31.05.2010)

Regulation (EC) No. 1272/2008 of 16th December 2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures, amending and abrogating Council Directive 67/548 and 1999/45 EC and amending Regulation EC No. 1907/2006 (Journal of Laws L No. 353 of 31.12.2008 with amendments).

Regulation of the Minister of Health of 2nd September 2003 on Criteria and Classification Methods of chemical substances and chemical formulated products (Journal of Laws of 2003, No 171, pos. 1666, of 2004, No. 243, pos. 2440; of 2007; No. 174, pos. 1222; of 2009 No. 43, pos. 353).

Regulation of Minister of Health of 20th April 2005 on researching and controlling factors harmful to human health in the workplace (Journal of Laws of 2005 No. 73, pos. 645; of 2007 Journal of Laws No. 241, pos. 1772).

Regulation of Minister of Health and social policy of 6th of June 2014 on the highest acceptable concentration and intensity limit values of factors harmful to human health in the workplace.

Regulation of Minister of Health of 21st December 2005 on general requirements for personal protection means (Journal of Laws of 2005 No. 259, pos. 2173).

Regulation of the Council of Ministers of 24th August 2004 on the list of works forbidden for the juvenile labourers and their employment conditions in selected professions (Journal of Laws of 2004, No. 200, pos. 2047; of 2005, No. 136, pos. 1145; of 2006; No. 107, pos. 724).

Regulation of Council of Ministers of 10th of September 1996 on list of works forbidden for female labourers (Journal of Laws of 1996, No 114, pos. 545 of 2002, No. 127, pos. 1092).

Regulation of Minister of Health and Social Policy of 30th of May 1996 on conducting medical examination for employees, range of preventive medical healthcare and medical certificates issued by doctors for the purposes specified in Labour Code (Journal of Laws of 1996, No. 69, pos. 332; of 1997; No. 60, pos. 375; of 1998, No. 159, pos. 1057; of 2001, No. 37, pos. 451; No. 128, pos. 1405).

Regulation of Minister of Labour and Social Policy of 2th September 1997 on general regulation of labour health and safety (consolidated text of Journal of Laws of 2003; No. 169, pos. 1650; of 2007, No. 49, pos. 330; of 2008, No. 108, pos. 690).

Regulation of Minister of Health of 30th December 2004 on labour health and safety in the workplace with chemical factors (Journal of Laws of 2005 No. 11, pos. 86; of 2008, No. 203, pos. 1275).

Act of 24 August 1991 on fire precautions (consolidated text Journal of Laws of 2009 No. 178, pos. 1380 of 2010 No. 57, pos. 353).

Act of 31st March 2004 on railway transportation of hazardous materials (Journal of Laws of 2004, No. 97, pos. 962; of 2005 No. 141, pos. 1184; of 2006 No. 249, pos. 1834; of 2007 No. 176, pos. 1238).

Regulations of International Railway Transportation of Hazardous Materials RID (of 2009, Journal of Laws, No. 167, pos. 1318).

Regulation of Minister of Economy of 8th of July 2010 on minimal requirements concerning health and safety regulations in case of explosive conditions in the workplace (Journal of Laws of 2010, No. 138 pos. 931).

Regulation of Minister of economy of 18th of September 2001 on technical conditions DT for non-pressure and low-pressure containers dedicated for storage of liquid flammable materials (Journal of Laws of 2001, No. 113, pos. 1211; of 2008 Journal of Laws No. 60, pos. 371).

15.2. Chemical safety assessment

Producer has not conducted chemical safety assessment for the mixture.

SECTION 16: Other information

Classification and procedure employed in the process of mixture classification in accordance with (EC) Regulation 1272/2008 [CLP]:

Classification prepared on the basis of calculative method.

Flam. Liq.3 H226

Skin Sens.1 H317

STOT SE.3 H336

Additional information on label: **EUH066**

Full text of H-statements:

H225 Highly flammable liquid and vapours.
H226 Flammable liquid and vapours.
H304 Swallowing and aspiration may cause death.
H315 Irritating for the skin.
H317 May cause allergic reaction on the skin.
H336 May cause drowsiness and dizziness.
H400 Highly toxic to water organisms
H410 Highly toxic to water organism, causing long-term consequences.
H411 Toxic to water organisms, causing long-term consequences.
EUH066 Repetitive exposure may cause dryness or cracking of the skin.

Full text of CLP/GHS classification

Flam. Liq.2 H225 Highly flammable liquid and vapours – category 2
Flam. Liq.3 H226 Flammable liquid and vapours – category 3
Asp. Tox.1 H304 Swallowing and inhaling may cause death – category 1
Skin Irrit.2 H315 Irritating for the skin – category 2
Skin Sens.1 H317 May cause allergic reaction on the skin – category 1
STOT SE.3 H336 May cause drowsiness and dizziness – category 3
Aquatic Acute1 H400 Highly toxic to water organisms – category 1
Aquatic Chronic1 H410 Highly toxic to water organisms, causing long-term consequences - category 1
Aquatic Chronic2 H411 Toxic to water organisms, causing long-term consequences – category 2
EUH066 Repetitive exposure may cause dryness or cracking of the skin.

For further information: +48 33 852 67 90

Modifications introduced in the review: adjusting to EU regulations requirements.

Information contained in this Safety Data Sheet is based on current state of knowledge and applies to product with its identified use. The information is intended to aid the user in controlling the handling risks and not to guarantee product quality. Technical data included in this Safety Data Sheet are not product quality specification and cannot be the basis for any legal claims (complaints). If conditions of product use are not under manufacturer control, responsibility for safe use falls to the user. This Sheet does not release the user from liability to follow all binding legal and administrative regulations concerning the product and health and safety in the workplace. It is a duty of the user to assess and use the specified product in a safe manner and in compliance with binding regulations. Employer is obliged to inform all employees working with the product about possible hazards and personal protection specified in Safety Data Sheet. This Safety Data Sheet has been prepared on the basis of information included in Safety Data Sheets provided by suppliers of resources and binding legal regulations concerning substances and formulated chemical products.