

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : WPC and BPC Impregnation
(WPC + BPC Impragnierung)
Revision date : 14.09.2023
Print date : 14.09.2023

Version : 1.0.0
Article number : 1011__205

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

1.1 Product identifier

WPC and BPC Impregnation
(WPC + BPC Impragnierung) (1011__205)
Unique Formula Identifier : TY60-50PG-M004-EEA2

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

Relevant identified uses

Sectors of use [SU]

SU21 - Consumer uses: Private households (= general public = consumers)
SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

1.3 Details of the supplier of the safety data sheet

Supplier

Glutolin Renovierungsprodukte GmbH // WEPOS Chemie GmbH // decotric Schweiz AG

Street : Im Schedetal 1 // Textilstr. 2 // Lettenstr. 7/PF

Postal code/City : 34346 Hann. Munden // 41751 Viersen // CH-6343 Rotkreuz

Telephone : +49 (0)5541 7003-03 // +49 (0)2162 266269-0 // +41 (0) 7922525

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Information contact : sds@glutolin.de // service@wepos-chemie.de

Homepage: www.glutolin.de // www.wepos-chemie.de

1.4 Emergency telephone number

+49 (0)5541 7003-41/-64
Only available during office hours (Mo-Th 8 - 16 h, Fr 8 - 12.30 h).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.
Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.
Aquatic Chronic 4 ; H413 - Hazardous to the aquatic environment : Chronic 4 ; May cause long lasting harmful effects to aquatic life.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Flame (GHS02) · Health hazard (GHS08)

Signal word

Danger

Hazard components for labelling

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS
HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

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Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

P102 Keep out of reach of children.
P103 Read label before use.
P101 If medical advice is needed, have product container or label at hand.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/eye protection.
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 [or shower].
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P370+P378 In case of fire: Use foam to extinguish.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national regulations of waste disposal.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

This mixture does not knowingly contain SVHC substances >0.1% (<https://echa.europa.eu/de/candidate-list-table>).

Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description

Consist of: Compounds and additives.

Hazardous ingredients

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS ; REACH No. : 01-2119472146-39 ; EC No. : 918-167-1

Weight fraction : $\geq 85 - < 90$ %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 Aquatic Chronic 4 ; H413 EUH066

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS ; REACH No. : 01-2119457273-39-0003 ; EC No. : 918-481-9

Weight fraction : $\geq 5 - < 10$ %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 EUH066

(2-METHOXYMETHYLETHOXY)PROPANOL ; REACH No. : 01-2119450011-60 ; EC No. : 252-104-2 ; CAS No. : 34590-94-8

Weight fraction : $\geq 1 - < 5$ %

Classification 1272/2008 [CLP] : Substance with a community workplace exposure limit

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Additional information

Note P (benzene < 0.1 %) in Annex VI of EC Regulation 1272/2008/EC applies to the hydrocarbon(s) listed above, thus the H350 label does not apply.
For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Follow the instructions for use on the label. When in doubt or if symptoms are observed, get medical advice. Change contaminated, saturated clothing.

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion

Observe risk of aspiration if vomiting occurs. Do NOT induce vomiting. Call a physician in any case!

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water mist
alcohol resistant foam
Carbon dioxide (CO₂)
Extinguishing powder

Unsuitable extinguishing media

Full water jet
Strong water jet

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not inhale explosion and combustion gases. In case of fire: Wear self-contained breathing apparatus.

5.4 Additional information

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

The usual precautionary measures for the handling of chemicals have to be observed. Provide adequate ventilation. Remove all sources of ignition. Refer to protective measures listed in sections 7 and 8.

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6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Normal precautions taken when handling chemicals should be observed. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs.

Measures to prevent fire

Only use the material in places where open light, fire and other flammable sources can be kept away. Provide adequate ventilation as well as local exhaustion at critical locations. Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

Further information on storage conditions

Do not store outside. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Please note safety instructions and directions for use on the drum.

Recommended storage temperature : Store it separately from foods.

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

(2-METHOXYMETHYLETHOXY)PROPANOL ; CAS No. : 34590-94-8

Limit value type (country of origin) : TWA (EC)

Limit value : 50 ppm / 308 mg/m³

Remark : Skin

Version : 20.06.2019

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

goggles

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Skin protection

Hand protection

Gloves(tested for example according to EN374) made of the following materials used by hand contact with the product:

Nitrile rubber (NBR)

Thickness of the gloves: > 0.4 mm

Breakthrough time: >= 8h

After washing hands replace lost skin fat by fat containing skin creams.

Body protection

Wearing of closed working clothes. Remove contaminated, saturated clothing.

Respiratory protection

Suitable respiratory protection apparatus

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. 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 and solvent vapour below the OEL, suitable respiratory protection must be worn.

General information

The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

Environmental exposure controls

See also section 6 and 12.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Liquid

Appearance

Physical state : Liquid

Colour : light yellow

Odour

Mild aromatic.

Safety characteristics

Melting point/freezing point :		not determined	
Initial boiling point and boiling range :	(1013 hPa)	173 - 213	°C
Flash point :		57	°C Brookfield
Auto-ignition temperature :		none	
Lower explosion limit :		0,7	Vol-%
Upper explosion limit :		6,5	Vol-%
Vapour pressure :	(50 °C)	1	hPa
Density :	(20 °C) approx.	0,77	g/cm ³
Solvent separation test :	(20 °C)	not determined	
Water solubility :	(20 °C)	practically insoluble	
Flow time :	(20 °C)	not determined	DIN-cup 4 mm
Viscosity :	(20 °C)	not determined	
Cinematic viscosity :	(40 °C)	not determined	
Explosive properties :	Not explosive according to EU A.14.		

9.2 Other information

None

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SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

None, if handled according to order.

10.6 Hazardous decomposition products

Gases/vapours, flammable

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Acute oral toxicity

Parameter :	LD50 (HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 10000 mg/kg
Parameter :	LD50 (HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg

Acute dermal toxicity

Parameter :	LD50 (HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 3000 mg/kg
Parameter :	LD50 (HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 5000 mg/kg

Acute inhalation toxicity

Parameter :	LC50 (HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 6,6 mg/l
Exposure time :	4 h
Parameter :	LD50 (HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 5000 mg/l
Exposure time :	4 h

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Additional information

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

Corrosion

No information available.

Skin corrosion/irritation

Parameter : Skin corrosion/irritation (HYDROCARBONS, C11-C12, ISOALKANES,
< 2% AROMATICS)
Result : irritation of the skin

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation (HYDROCARBONS, C11-C12, ISOALKANES, < 2%
AROMATICS)
Result : irritates

Additional information

The liquid slightly irritates the skin, vapours in higher concentration irritate eyes and respiration.

Respiratory or skin sensitisation

No information available.

Repeated dose toxicity (subacute, subchronic, chronic)

No data available

Additional information

No known symptoms to date.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No information available.

Germ cell mutagenicity

No information available.

Reproductive toxicity

No information available.

Overall assessment on CMR properties

No known symptoms to date.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

May be fatal if swallowed and enters airways.

Phototoxicity

Additional information

No known symptoms to date.

11.2 Information on other hazards

Endocrine disrupting properties

For possible endocrine disrupting effects in humans and possible symptoms, please refer to SECTION 2.3 of this safety data sheet.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

Aquatic toxicity

May cause long lasting harmful effects to aquatic life.

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Acute (short-term) toxicity to algae and cyanobacteria

Parameter : EC50 (HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS)
Species : Daphnia
Evaluation parameter : (Amphipoda)
Effective dose : > 100 mg/l
Exposure time : 96 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This mixture does not knowingly contain SVHC substances >0.1% (<https://echa.europa.eu/de/candidate-list-table>).
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

No information available.

12.8 Additional ecotoxicological information

Additional information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

After intended use

Waste codes/waste designations according to EWC/AVV

Waste code product :

Not used:

14 06 03

Used:

08 01 17

or

08 04 09

Waste name product :

Not used:

other solvents and solvent mixtures

Used:

wastes from paint or varnish removal containing organic solvents or other dangerous substances

or

waste adhesives and sealants containing organic solvents or other dangerous substances

Waste code packaging :

15 01 02

or

15 01 04

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Waste name packaging :
plastic packaging
or
metallic packaging

SECTION 14: Transport information

14.1 UN number or ID number

UN 3295

14.2 UN proper shipping name

Land transport (ADR/RID)
HYDROCARBONS, LIQUID, N.O.S.

Sea transport (IMDG)
HYDROCARBONS, LIQUID, N.O.S.

Air transport (ICAO-TI / IATA-DGR)
HYDROCARBONS, LIQUID, N.O.S.

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3
Classification code : F1
Hazard identification number (Kemler No.) : 30
Tunnel restriction code : D/E
Special Provisions : LQ 5 I · E 1
Hazard label(s) : 3

Sea transport (IMDG)

Class(es) : 3.3
EmS-No. : F-E / S-D
Special Provisions : LQ 5 I · E 1
Hazard label(s) : 3

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3
Special Provisions : E 1
Hazard label(s) : 3

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

14.7 Maritime transport in bulk according to IMO instruments

not applicable

14.8 Additional information

The ADR-classification is not applying to our assembled packing (see ADR 3.4. LQ 5 I) => limited Quantity

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SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

- out of scope

Labelling for contents according to regulation (EC) No. 648/2004

- this product is not subject to EC Detergent regulation no. 648/2004.

15.2 Chemical Safety Assessment

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

15.3 Additional information

None

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

REACH Registration, evaluation, authorisation of chemicals
CLP Classification, labelling and packaging
CAS Chemical Abstracts Service
EINECS European Inventory of Existing Chemical Substances
ELINCS European List of Notified Chemical Substances.
ATE Acute toxicity estimates
LD50 Lethal dose, 50 percent
LC50 Lethal concentration, 50 percent
ECxx Effect concentration, xx percent
NOEC No Observed Effect Concentration
PBT Persistent, bioaccumulating and toxic
vPvB very persistent and very bioaccumulative
STOT Specific target organ toxicity
ADR European agreement concerning the international carriage of dangerous goods by road
IMDG International maritime dangerous goods code
IATA International air transport association
IMO International maritime organisation declaration

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

See SECTION 2.1 (classification).

16.5 Relevant H- and EUH-phrases (Number and full text)

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H413 May cause long lasting harmful effects to aquatic life.
EUH066 Repeated exposure may cause skin dryness or cracking.

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16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
