

Safety Data Sheet

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



Trade name : Rapid Paint Stripper R60
(Abbeizer rasant R60)
Article number : 0069__000
Revision date : 22.07.2020
Version (Revision) : 7.0.0 (6.3.0)
Print date : 22.07.2020

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

1.1 Product identifier

Rapid Paint Stripper R60
(Abbeizer rasant R60) (0069__000)

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

Relevant identified uses

Products Category [PC]

PC9a - Coatings and paints, thinners, paint removers

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 (manufacturer/importer/only representative/downstream user/distributor)

PUFAS Werk KG

Street : Im Schedetal 1

Postal code/city : 34346 Hann. Münden

Telephone : +49 (0)5541 7003-01

Telefax : +49 (0)5541 7003-50

Information contact :

E-mail (competent person) : sds@pufas.de

Website : www.pufas.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.

STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

2.2 Label elements

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

Hazard pictograms



Flame (GHS02) · Exclamation mark (GHS07)

Signal word

Warning

Hazard components for labelling

N-BUTYL ACETATE ; CAS No. : 123-86-4

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Hazard statements

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.

Precautionary statements

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P261 Avoid breathing vapours/spray.
P280 Wear protective gloves/eye protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P101 If medical advice is needed, have product container or label at hand.
P501 Dispose of contents/container in accordance with local/regional/national regulations of waste disposal.

Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

This mixture does not contain any substances classified as PBT/vPvB or included in the SVHC-Candidate List.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description

Consist of: Dimethyl sulfoxide, ester, surfactant and additives

Hazardous ingredients

N-BUTYL ACETATE ; REACH No. : 01-2119485493-29 ; EC No. : 204-658-1; CAS No. : 123-86-4

Weight fraction : $\geq 50 - < 100$ %
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H336

DIMETHYL SULFOXIDE ; REACH No. : 01-2119431362-50 ; EC No. : 200-664-3; CAS No. : 67-68-5

Weight fraction : $\geq 10 - < 25$ %
Classification 1272/2008 [CLP] : None

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Notice the directions 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.

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After 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.

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 (e.g. sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Absorb with liquid-binding material (e.g. 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 exhaust at critical locations. Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking.

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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

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

goggles

Skin protection

Hand protection

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

Butyl rubber

Thickness of the gloves: > 0.5 mm

Breakthrough time: >= 8h, wearing period: max: 8h

or

Polychloroprene

Thickness of the gloves: > 0.5 mm

Breakthrough time: 4 - 8 hours, wearing period: max: 4h

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.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid: Gel

Colour : transparent

Odour

fruity

Safety characteristics

Melting point/freezing point :	(1013 hPa)	No data available
Initial boiling point and boiling range :	(1013 hPa)	124 - 189 °C
Flash point :		27 °C Brookfield
Auto-ignition temperature :		270 °C
Lower explosion limit :		1,8 Vol-%
Upper explosion limit :		10,4 Vol-%
Vapour pressure :	(20 °C)	13 hPa
Density :	(20 °C)	approx. 0,92 g/cm ³
Solvent separation test :	(20 °C)	< 3 %
Water solubility :	(20 °C)	emulsifiable
pH :		none
Flow time :	(23 °C)	> 60 s ISO cup 6 mm
VOC-value :		< 900 g/l

9.2 Other information

None

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 toxicological effects

Acute toxicity

No data available

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Acute oral toxicity

Parameter : LD50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Exposure route : Oral
Species : Rat
Effective dose : 10760 mg/kg
Parameter : LD50 (DIMETHYL SULFOXIDE ; CAS No. : 67-68-5)
Exposure route : Oral
Species : Rat
Effective dose : > 14500 mg/kg

Practical experience/human evidence

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

Acute dermal toxicity

Parameter : LD50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 14000 mg/kg
Parameter : LD50 (DIMETHYL SULFOXIDE ; CAS No. : 67-68-5)
Exposure route : Dermal
Species : Rat
Effective dose : > 4000 mg/kg

Acute inhalation toxicity

Parameter : LC50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Exposure route : Inhalation
Species : Rat
Effective dose : > 21 mg/l
Exposure time : 4 h

Corrosion

No data available

Skin corrosion/irritation

Parameter : Skin corrosion/irritation (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Parameter : rabbit
Exposure time : 24 h
Result : irritation of the skin

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Parameter : rabbit
Result : moderate irritation of the eyes

Respiratory or skin sensitisation

No data available

Repeated dose toxicity (subacute, subchronic, chronic)

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No data available

Germ cell mutagenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

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Aspiration hazard

Harmful: may cause lung damage if swallowed.

11.5 Additional information

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

SECTION 12: Ecological information

12.1 Toxicity

No information available.

Aquatic toxicity

Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter :	EC50 (DIMETHYL SULFOXIDE ; CAS No. : 67-68-5)
Species :	Daphnia
Evaluation parameter :	water flea
Effective dose :	27500 mg/l
Parameter :	EC50 (DIMETHYL SULFOXIDE ; CAS No. : 67-68-5)
Species :	Algae
Evaluation parameter :	Lepomis macrochirus
Effective dose :	> 400000 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 contain any substances classified as PBT/vPvB or included in the SVHC-Candidate List.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

Additional information

Do not allow to enter into surface water or drains. Wassergefährdungsklasse 1 (Selbsteinstufung): schwach wassergefährdend

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

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

Waste codes/waste designations according to EWC/AVV

Waste code product

Not used:
08 01 11
Drying up:
08 01 12

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Waste name

Not used:
waste paint and varnish containing organic solvents or other dangerous substances
Drying up:
waste paint and varnish other than those mentioned in 08 01 11

Waste code packaging

15 01 04

Waste name

metallic packaging

SECTION 14: Transport information

14.1 UN number

UN 1263

14.2 UN proper shipping name

Land transport (ADR/RID)

PAINT RELATED MATERIAL

Sea transport (IMDG)

PAINT RELATED MATERIAL

Air transport (ICAO-TI / IATA-DGR)

PAINT RELATED MATERIAL

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 : 640E · LQ 5 I · E 1 · Transport in containers with max. 450 litres contents are not subject to the regulations of ADR/RID.

Hazard label(s) : 3

Sea transport (IMDG)

Class(es) : 3

EmS-No. : F-E / S-E

Special provisions : LQ 5 I · E 1 · IMDG 2.3.2.5 (<= 30 l)

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

not applicable

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14.8 Additional information

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

SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

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

- < 5% non-ionic surfactants
- www.pufas.de, sds@pufas.de

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

- out of scope

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

02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

None

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]

No information available.

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

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

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.