

Safety Data Sheet

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

Trade name : GLUE REMOVER

Revision date : 18.06.2018

Print date : 24-07-2018

Version (Revision) : 106.2.0 (106.1.0)

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

1.1 Product identifier

GLUE REMOVER

HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9) ; EC No. : 927-241-2 ; REACH registration No. : 01-2119471843-32

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

Relevant identified uses

Product Categories [PC]

PC9 - Coatings and paints, fillers, putties, thinners

PC25 - Metal working fluids

PC35 - Washing and cleaning products (including solvent based products)

Sector of uses [SU]

SU3a - Industrial uses

Uses advised against

This product shall not be available to the general public/consumers as such. This product is not recommended for applications either than the above-identified uses.

1.3 Details of the supplier of the safety data sheet

DUTHOO NV

Street : ESSERSTRAAT 3

Postal code/city : BE - 8550 ZWEVEGEM

Telephone : +32 (0)56 360 774

Telefax : +32 (0)56 360 776

E-mail (competent person) : info@duthoo.eu

1.4 Emergency telephone number

NL - Nationaal Vergiftigingen Informatie Centrum NVIC - Bilthoven + 31 30 274 88 88 (Uitsluitend bereikbaar voor een behandelend arts in geval van een accidentele vergiftiging) // BE - Antigifcentrum - Brussel + 32 70 245 245 (een arts beantwoordt uw oproep) // BE - Centre Anti-poison - Bruxelles + 32 70 245 245 (un médecin répondra à votre appel). // D - Antigifcentrum (Duitsland - Berlin) : +49 30 450 653565 // S - Swedish Poisons Information Center 112 begär Giftinformationscentralen // UK - Ricardo-AEA (UK) : +44 (0)870 190 6777 // DK - Poison Information Center Denmark +45 82 12 12 12 // AT (Austria) - Vergiftungsinformationszentrale der Gesundheit Österreich GmbH Notruf-Telefon: +43 1 406 43 43 // NO - Norwegian Environment AgencyTel: +47 73 58 05 00 // PL - Bureau for Chemical Substances Information Center 112 //

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

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) · Health hazard (GHS08) · Exclamation mark (GHS07)

Signal word

Danger

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Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H412 Harmful 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.
P233 Keep container tightly closed.
P310 Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents / container to a licensed waste processing company.

Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Special rules for supplemental label elements for certain mixtures

For professional use only.

2.3 Other hazards

Adverse physicochemical effects

The product can accumulate static charges that may cause ignition.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name : HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9)

EC No. : 927-241-2

REACH No. : 01-2119471843-32

Purity : 100 % [mass]

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove affected person from the danger area and lay down. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

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.

After ingestion

Do NOT induce vomiting. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let water be drunken in little sips (dilution effect).

4.2 Most important symptoms and effects, both acute and delayed

Dizziness Headache Impairment of vision Nausea Vomiting

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

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5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

5.4 Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation. See protective measures under point 8 from the MSDS.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly.

6.4 Reference to other sections

See sections 8 & 13

SECTION 7: Handling and storage



7.1 Precautions for safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Only use the material in places where open light, fire and other flammable sources can be kept away.

Protective measures

All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists
Take precautionary measures against static discharges.

Measures to prevent fire

Keep away from sources of ignition. - No smoking. Usual measures for fire prevention. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Provide earthing of containers, equipment, pumps and ventilation facilities. Use only antistatically equipped (spark-free) tools. Wear anti-static footwear and clothing Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation

Vapours/aerosols should be exhausted directly at the point of origin. Use only in well-ventilated areas.

Environmental precautions

Shafts and sewers must be protected from entry of the product.

7.2 Conditions for safe storage, including any incompatibilities

None

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

None

8.2 Exposure controls



Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

By long-term hand contact : By long-term hand contact

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 480 min

Thickness of the glove material : 0,7 mm

Recommended glove articles : DIN EN 374

Additional hand protection measures : Check leak tightness/impermeability prior to use. Do not wear gloves near rotary machines and tools. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Remark : The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Body protection

Lab coat. Overall

Suitable protective clothing : For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Chemical resistant safety shoes Only wear fitting, comfortable and clean protective clothing.

Required properties : antistatic. flame-resistant heat-resistant

Recommended material : Natural fibres (e.g. cotton) heat-resistant synthetic fibres

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Suitable respiratory protection apparatus

DIN EN 12942:2009-02 Filtering device with filter or ventilator filtering device of type: A

General health and safety measures

Wash hands before breaks and after work. Apply skin care products after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Colour: Colourless

Odour: Characteristic

Appearance: Clear

Safety relevant basis data

Physical state :

Liquid

Store frost free :

No

Melting point / range :

(1013 hPa) <

-30 °C

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Boiling point / range :	(1013 hPa)	135 - 170 °C	Calculated
Decomposition temperature :	(1013 hPa)	No data available	
Flash point :	>	27 °C	ASTM D 6450
Ignition temperature :	>	200 °C	Estimated
Lower explosion limit :	>	0,6 Vol-%	Estimated
Upper explosion limit :	<	8 Vol-%	Estimated
Vapour pressure :	(20 °C)	1 kPa	
Density :	(20 °C)	0,735 - 0,77 g/cm ³	
Solubility in water :	(20 °C)	0 Wt %	
log P O/W :		No data available	
Odour threshold :		No data available	
Vapourisation rate :		No data available	
Explosive properties :		No data available	

9.2 Other information

Information on basic physical and chemical properties with no data available means not applicable due to the nature of the product.

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

None

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Alkali (lye), concentrated. Acid, concentrated. Oxidising agent, strong.

10.6 Hazardous decomposition products

Carbon dioxide. Carbon monoxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Inhalation/eye contact: in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible. Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea. May cause respiratory irritation.

Acute oral toxicity

Parameter : LD50 (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg

Acute dermal toxicity

Parameter : LD50 (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))
Exposure route : Dermal
Species : Rabbit
Effective dose : > 5000 mg/kg

Acute inhalation toxicity

Parameter : LC50 (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))
Exposure route : Inhalation
Species : Rat
Effective dose : > 4951 mg/m³

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Exposure time : 4 h

Irritant and corrosive effects

Primary irritation to the skin

No information available.

Irritation to eyes

No information available.

Irritation to respiratory tract

No information available.

Sensitisation

In case of skin contact

No information available.

In case of inhalation

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No information available.

Germ cell mutagenicity

No information available.

Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 10 - 30 mg/l
Exposure time : 96 h

Acute (short-term) daphnia toxicity

Parameter : EC50 (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))
Species : Daphnia magna (Big water flea)
Effective dose : 22 - 46 mg/l
Exposure time : 48 h

Acute (short-term) algae toxicity

Parameter : ErC50 (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))
Species : Pseudokirchneriella subcapitata
Effective dose : > 1000 mg/l
Exposure time : 72 h
Parameter : NOELR (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))
Species : Pseudokirchneriella subcapitata
Evaluation parameter : Inhibition of growth rate
Effective dose : < 1 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

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12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

Dispose according to legislation.

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code (91/689/EEC) : -

13.2 Additional information

None

SECTION 14: Transport information

14.1 UN number

UN 3295

14.2 UN proper shipping name

Land transport (ADR/RID)

HYDROCARBONS, LIQUID, N.O.S. (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))

Sea transport (IMDG)

HYDROCARBONS, LIQUID, N.O.S. (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))

Air transport (ICAO-TI / IATA-DGR)

HYDROCARBONS, LIQUID, N.O.S. (HYDROCARBONS, C9-C10, n-ALKANES, ALKANES, CYCLIC COMPOUNDS, < 2% AROMATICS (previously CAS nr 64742-48-9))

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3
Classification code : F1
Hazard identification number (Kemler No.) : 30
Special provisions : LQ 5 I
Hazard label(s) :



3

Sea transport (IMDG)

Class(es) : 3
Hazard label(s) :



3

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3

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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

14.8 Additional information

Inland waterway craft (ADN) : No data available

SECTION 15: Regulatory information

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

National regulations

Other regulations, restrictions and prohibition regulations

The restrictions mentioned in Annex XVII to Regulation (EC) No 1907/2006 must be taken into account.

International regulatory information

This product contains max.: 760 g/l VOC

EU limit value: 2004/42/IIB(a)(850)

15.2 Chemical safety assessment

For this substance a chemical safety assessment has been carried out.

15.3 Additional information

Exposure scenarios document is available

SECTION 16: Other information

16.1 Indication of changes

11. Primary irritation to the skin · 11. Irritation to eyes · 11. Irritation to respiratory tract · 11. Sensitisation - In case of skin contact · 11. Sensitisation - In case of inhalation · 11. Carcinogenicity · 11. Germ cell mutagenicity · 11. Reproductive toxicity · 11. STOT-single exposure · 11. STOT-repeated exposure · 11. Aspiration hazard

16.2 Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

ABM Algemene Beoordelings Methodiek

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

AC Article category

CSR Chemical safety report

CAS Chemical Abstracts Service

CLP Classification Labelling Packaging

DIN Duitse Institut voor Normen

DMEL Derived minimum effect level

DNEL Derived No-Effect Level

DU Downstream user

DU-CSA Downstream user chemical safety assessment

ECHA European Chemicals Agency

EC50 Half maximal effective concentration

EINECS European Inventory of Existing Commercial Chemical Substances

ERC Environmental release class

ES Exposure scenario

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ESD Emission scenario document
EWC European waste Catalogue
EWL European waste list
GHS Globally Harmonised System
IMDG International Maritime Dangerous Goods Code
ISO International Standards Organisation
LC50 Median lethal concentration. The concentration causing 50 % lethality
LD50 Median lethal dose. The dose causing 50 % lethality
LEL Lower Explosion Limit
NOAEL No observed adverse effect level
NOEC No observed effect concentration
NOEL No observed effect level
OC Operational condition
OEL Occupational exposure Limits
PC Chemical product category
PBT Persistent, bioaccumulative, toxic
PNEC Predicted no-effect concentration
PPE Personal protection equipment
PROC Process category
RMM Risk management measure
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS Safety data sheet
STEL Short-term Exposure limit
SU Sectors of use
SVHC Substances of very high concern
UC Use category
UN United Nations
VIB Veiligheidsinformatieblad
vPvB Very persistent and very bioaccumulative
ZZS Zeer Zorgwekkende Stoffen

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]

Classification of the substance or mixture according to Regulation (EC) No 1272/2008 [CLP] by calculation method via software.

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

None

16.5 Training advice

None

16.6 Additional information

We have no knowledge or control over the user's working conditions however. The user is responsible for the observance of all required statutory provisions. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.

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.
