

Safety Data Sheet

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

Trade name : HAKUTEX 769
Revision date : 06.05.2019
Print date : 22-07-2019

Version (Revision) : 103.0.0 (102.1.2)

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

1.1 Product identifier

HAKUTEX 769

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

Relevant identified uses

Product Categories [PC]

PC 9 - Coatings and paints, fillers, putties, thinners

PC 35 - Washing and cleaning products

Sector of uses [SU]

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 other than the above-identified uses.

1.3 Details of the supplier of the safety data sheet

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

Kluthe Benelux BV

Street : Produktieweg 8

Postal code/city : NL 2404 CC ALPHEN A/D RIJN

Telephone : +31 (0)172 - 516000

Telefax : +31 (0)172 - 439494

E-mail (competent person) : sds@kluthe.nl

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 Agency / Giftinformasjonene Tel: +47 22 59 13 00 // PL - Bureau for Chemical Substances +48 42 2538 400 // CZ - Ministry of Health of the Czech Republic +420267082257 // IT - Istituto Superiore di Sanità (ISS) +390649906140 // HU - Ministry of Human Capacities, Department for Chemical Safety // SK - National Toxicological Information Centre +421 2 5465 2307 // ES - Instituto Nacional de Toxicología y Ciencias Forenses (INTCF) +34 917689800 // TR - Ministry of Health Üniversiteler Mah. Dumlupınar Bulv. 6001. Cad. No:9 06800 Bilkent - Çankaya / Ankara- Turkey Telephone: +90 312 565 5212 / 5218 / 5222 //

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

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

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

2.2 Label elements

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

Hazard pictograms

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Health hazard (GHS08)

Signal word

Danger

Hazard components for labelling

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2 - 25%)

Hazard statements

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P501 Dispose of contents / container to a licensed waste processing company.

Special rules for supplemental label elements for certain mixtures

for professional use only

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2 - 25%) ; REACH registration No. : 01-2119473977-17 ; EC No. : 919-164-8

Weight fraction : $\geq 50 - < 100$ %

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304 Aquatic Chronic 3 ; H412

FATTY ALCOHOL POLYGLYCOLEETHER ; REACH registration No. : Polymer ; CAS No. : 78330-21-9

Weight fraction : $< 0,25$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Aquatic Acute 1 ; H400 Aquatic Chronic 3 ; H412

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH

None

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH

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

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice. Change contaminated, saturated clothing. For further information refer to chapter 11 (Toxicological information).

Following inhalation

Remove casualty to fresh air and keep warm and at rest. After inhaling vapours, first symptoms of poisoning may

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develop hours later, so always consult a doctor.

In case of skin contact

Water and soap Do not wash with: Solvents/Thinner

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

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Keep at rest.

Self-protection of the first aider

No direct artificial respiration to be given by first aider.

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

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

Unsuitable extinguishing media

Strong water jet

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

None

5.4 Additional information

Cool endangered containers with water in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate respiratory protection. Keep away from ignition sources on account of the organic solvent content and ventilate room. Do not inhale vapours. See protective measures under point 8 from the MSDS.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For cleaning up

Suitable material for diluting or neutralizing:

Other information

Clear spills immediately.

6.4 Reference to other sections

See sections 8 &13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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Avoid contact with skin and eyes. Do not smoke, eat or drink in places where this product is used. Comply with the health and safety at work laws.

Protective measures

Do not breathe gas/fumes/vapour/spray. Wear personal protection equipment (refer to section 8 from the MSDS).

Measures to prevent fire

Vapours are heavier than air, spread along floors and form explosive mixtures with air. Keep away from sources of ignition - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from oxidizing agents, and from strong alkaline and strong acid materials.

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

Storage class (TRGS 510) : 10

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Use tightly fitting safety glasses.

Skin protection

Hand protection

Solvent-resistant protective gloves must be worn. Barrier creams may help to protect the exposed areas of the skin. They should however not be applied once exposure has occurred. 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.

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 480 min

Thickness of the glove material : 0,4 mm

Recommended glove articles : EN ISO 374

Body protection

Personel should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Suitable respiratory protection apparatus

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

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Colour: Colourless
Odour: Characteristic
Appearance: Clear and sediment free

Safety relevant basis data

Physical state :			Liquid	
Store frost free :			No	
Viscosity:			No data available	
Melting point / range :	(1013 hPa)	<	-30	°C
Boiling point / range :	(1013 hPa)		180 - 210	°C Calculated
Decomposition temperature :	(1013 hPa)		No data available	
Flash point :			64	°C ASTM D 6450
Ignition temperature :			200	°C Estimated
Lower explosion limit :		>	0,7	Vol-% Estimated
Upper explosion limit :		<	6,5	Vol-% Estimated
Vapour pressure :	(20 °C)		0,5	kPa
Density :	(20 °C)		0,775 - 0,815	g/cm ³
Solubility in water :	(20 °C)			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

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

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

10.5 Incompatible materials

Keep away from oxidizing agents, strong alkaline and strong acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

There are no data available on the preparation itself. Repeated or prolonged contact with the product may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. If the liquid splashes in the eyes it may cause irritation and reversible damage.

Acute effects

Acute oral toxicity

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Parameter : ATEmix calculated
Exposure route : Oral
Effective dose : not relevant
Parameter : LD50 (FATTY ALCOHOL POLYGLYCOLEETHER ; CAS No. : 78330-21-9)
Exposure route : Oral
Effective dose : > 2000 mg/kg

Acute dermal toxicity

Parameter : ATEmix calculated
Exposure route : Dermal
Effective dose : not relevant
No information available.

Acute inhalation toxicity

Parameter : ATEmix calculated
Exposure route : Inhalation (vapour)
Effective dose : not relevant
No information available.

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

Do not empty into water courses or drains.

12.1 Toxicity

Aquatic toxicity

Chronic (long-term) algae toxicity

Parameter : NOEC (FATTY ALCOHOL POLYGLYCOLEETHER ; CAS No. : 78330-21-9)
Effective dose : => 0,2 mg/l

12.2 Persistence and degradability

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Biodegradation

Parameter : Biodegradation (HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2 - 25%))
Degradation rate : > 69 %
Test duration : 28 Days
Parameter : Biodegradation (FATTY ALCOHOL POLYGLYCOLEETHER ; CAS No. : 78330-21-9)
Inoculum : Degree of elimination
Degradation rate : > 60 %
Test duration : 28 Days

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

12.8 Overall evaluation

No environmental risks of preparations are available.

SECTION 13: Disposal considerations

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

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

EU legislation

Authorisations and/or restrictions on use

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Restrictions on use

Use restriction according to REACH annex XVII, no. : 3

National regulations

Water hazard class (WGK)

Classification according to AwSV - Class : nwg (Non-hazardous to water)

International regulatory information

This product contains max.: 801 g/l VOC

15.2 Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1 Indication of changes

03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 11. Acute oral toxicity · 15. Restrictions on use

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

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

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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.

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

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 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.
