

75% Alcohol wipes

GN1SA05024

Safety Data Sheet

according to Regulation (EU) 2015/830
Issue date: 3/31/2020 Revision date: 3/31/2020 Version: 1.0

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

1.1. Product identifier

Product form : Article
Trade name : 75% Alcohol wipes

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Alcohol wipes

1.2.2. Uses advised against

Restrictions on use : No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

KANGNA(ZHEJIANG) MEDICAL SUPPLIES CO.,LTD
5F,Tower 3,Intime office,No.88 Shuanglong Road,Xihu
District,Hangzhou,China. T +86 571 86955263 - F +86 571
86957067

Importer

1.4. Emergency telephone number

+86 571 86955263

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable solids, Category 1 H228
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Danger
Hazard statements (CLP) : H228 - Flammable solid.
Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P370+P378 - In case of fire: Use Water spray, Dry powder, Foam, Carbon dioxide to extinguish.

2.3. Other hazards

Other hazards not contributing to the classification : No information available.

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethyl alcohol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	75	Flam. Liq. 2, H225
Water	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	25	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: No information available.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Store in a dry place. Keep container tightly closed.
Incompatible materials : No information available.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethyl alcohol (64-17-5)	
Austria - Occupational Exposure Limits	
MAK (mg/m ³)	1900 mg/m ³
MAK (ppm)	1000 ppm
MAK Short time value (mg/m ³)	3800 mg/m ³
MAK Short time value (ppm)	2000 ppm
Belgium - Occupational Exposure Limits	
Limit value (mg/m ³)	1907 mg/m ³
Limit value (ppm)	1000 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA (mg/m ³)	1000 mg/m ³

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Ethyl alcohol (64-17-5)	
Croatia - Occupational Exposure Limits	
GVI (granična vrijednost izloženosti) (mg/m ³)	1900 mg/m ³
GVI (granična vrijednost izloženosti) (ppm)	1000 ppm
Czech Republic - Occupational Exposure Limits	
Expoziční limity (PEL) (mg/m ³)	1000 mg/m ³
Denmark - Occupational Exposure Limits	
Grænseværdie (langvarig) (mg/m ³)	1900 mg/m ³
Grænseværdie (langvarig) (ppm)	1000 ppm
Estonia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	1000 mg/m ³
OEL TWA (ppm)	500 ppm
OEL STEL (mg/m ³)	1900 mg/m ³
OEL STEL (ppm)	1000 ppm
Finland - Occupational Exposure Limits	
HTP-arvo (8h) (mg/m ³)	1900 mg/m ³
HTP-arvo (8h) (ppm)	1000 ppm
HTP-arvo (15 min)	2500 mg/m ³
HTP-arvo (15 min) (ppm)	1300 ppm
France - Occupational Exposure Limits	
VME (mg/m ³)	1900 mg/m ³
VME (ppm)	1000 ppm
VLE (mg/m ³)	9500 mg/m ³
VLE (ppm)	5000 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	380 mg/m ³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Occupational exposure limit value (ppm)	200 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Greece - Occupational Exposure Limits	
OEL TWA (mg/m ³)	1900 mg/m ³
OEL TWA (ppm)	1000 ppm
Hungary - Occupational Exposure Limits	
AK-érték	1900 mg/m ³
CK-érték	7600 mg/m ³
Ireland - Occupational Exposure Limits	
OEL (15 min ref) (ppm)	1000 ppm
Latvia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	1000 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (mg/m ³)	1000 mg/m ³
IPRV (ppm)	500 ppm

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Ethyl alcohol (64-17-5)	
TPRV (mg/m³)	1900 mg/m³
TPRV (ppm)	1000 ppm
Netherlands - Occupational Exposure Limits	
Grenswaarde TGG 8H (mg/m³)	260 mg/m³
Grenswaarde TGG 15MIN (mg/m³)	1900 mg/m³
MAC chemical category	Skin notation
Poland - Occupational Exposure Limits	
NDS (mg/m³)	1900 mg/m³
Portugal - Occupational Exposure Limits	
OEL TWA (ppm)	1000 ppm
OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
Romania - Occupational Exposure Limits	
OEL TWA (mg/m³)	1900 mg/m³
OEL TWA (ppm)	1000 ppm
OEL STEL (mg/m³)	9500 mg/m³
OEL STEL (ppm)	5000 ppm
Slovakia - Occupational Exposure Limits	
NPHV (priemerná) (mg/m³)	960 mg/m³
NPHV (priemerná) (ppm)	500 ppm
NPHV (Hraničná) (mg/m³)	1920 mg/m³
Slovenia - Occupational Exposure Limits	
OEL TWA (mg/m³)	1900 mg/m³
OEL TWA (ppm)	1000 ppm
OEL STEL (mg/m³)	7600 mg/m³
OEL STEL (ppm)	4000 ppm
Spain - Occupational Exposure Limits	
VLA-EC (mg/m³)	1910 mg/m³
VLA-EC (ppm)	1000 ppm
Sweden - Occupational Exposure Limits	
nivågränsvärde (NVG) (mg/m³)	1000 mg/m³
nivågränsvärde (NVG) (ppm)	500 ppm
kortidsvärde (KTV) (mg/m³)	1900 mg/m³
kortidsvärde (KTV) (ppm)	1000 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m³)	1920 mg/m³
WEL TWA (ppm)	1000 ppm
WEL STEL (mg/m³)	5760 mg/m³ (calculated)
WEL STEL (ppm)	3000 ppm (calculated)
Norway - Occupational Exposure Limits	
Grenseverdier (AN) (mg/m³)	950 mg/m³

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Ethyl alcohol (64-17-5)

Grenseverdier (AN) (ppm)	500 ppm
Grenseverdier (Korttidsverdi) (mg/m ³)	1187.5 mg/m ³ (value calculated)
Grenseverdier (Korttidsverdi) (ppm)	625 ppm (value calculated)

Switzerland - Occupational Exposure Limits

MAK (mg/m ³)	960 mg/m ³
MAK (ppm)	500 ppm
KZGW (mg/m ³)	1920 mg/m ³
KZGW (ppm)	1000 ppm

USA - ACGIH - Occupational Exposure Limits

ACGIH STEL (ppm)	1000 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

No special protection required under normal conditions.

Eye protection:

No special protection required under normal conditions.

Skin and body protection:

No special protection required under normal conditions.

Respiratory protection:

No special protection required under normal conditions.

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Fluid soaked paper towel
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available

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Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Water (7732-18-5)

LD50 oral rat	> 90 ml/kg
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Ethyl alcohol (64-17-5)

LD50 oral rat	7060 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Ethyl alcohol (64-17-5)

IARC group	1 - Carcinogenic to humans
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Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Ethyl alcohol (64-17-5)

LC50 fish 1	12.0 – 16.0 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
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LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
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EC50 Daphnia 1	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
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EC50 Daphnia 2	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Ethyl alcohol (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	-0.32
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.






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SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 3175	UN 3175	UN 3175	UN 3175	UN 3175
14.2. UN proper shipping name				
SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol)	Solids containing flammable liquid, n.o.s. (Ethyl alcohol)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol)
Transport document description				
UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol), 4.1, II, (E)	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol), 4.1, II	UN 3175 Solids containing flammable liquid, n.o.s. (Ethyl alcohol), 4.1, II	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol), 4.1, II	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol), 4.1, II
14.3. Transport hazard class(es)				
4.1	4.1	4.1	4.1	4.1
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 216, 274, 601
Limited quantities (ADR) : 1kg
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P002, IBC06, R001
Special packing provisions (ADR) : PP9
Mixed packing provisions (ADR) : MP11
Portable tank and bulk container instructions (ADR) : T3, BK1, BK2
Portable tank and bulk container special provisions (ADR) : TP33
Vehicle for tank carriage : AT
Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V11
Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP2
Hazard identification number (Kemler No.) : 40
Orange plates :



Tunnel restriction code (ADR) : E
EAC code : 1Z

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Transport by sea

Special provisions (IMDG)	: 216, 274
Packing instructions (IMDG)	: P002
Special packing provisions (IMDG)	: PP9
IBC packing instructions (IMDG)	: IBC06
IBC special provisions (IMDG)	: B21
Tank instructions (IMDG)	: T3, BK2
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-I
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Mixtures of non-dangerous solids (such as soil, sand, production materials etc.) and flammable liquids.

Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y441
PCA limited quantity max net quantity (IATA)	: 5kg
PCA packing instructions (IATA)	: 445
PCA max net quantity (IATA)	: 15kg
CAO packing instructions (IATA)	: 448
CAO max net quantity (IATA)	: 50kg
Special provisions (IATA)	: A46
ERG code (IATA)	: 3L

Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 216, 274, 601, 800
Limited quantities (ADN)	: 1 kg
Excepted quantities (ADN)	: E2
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE03
Provisions for inspection of holds during carriage (ADN)	: IN01, IN02
Number of blue cones/lights (ADN)	: 1
Additional requirements/Remarks (ADN)	: VE03, IN01 and IN02 apply only when this substance is carried in bulk or without packaging

Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 216, 274, 601
Limited quantities (RID)	: 1kg
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P002, IBC06, R001
Special packing provisions (RID)	: PP9
Mixed packing provisions (RID)	: MP11
Portable tank and bulk container instructions (RID)	: T3, BK1, BK2
Portable tank and bulk container special provisions (RID)	: TP33
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W1
Special provisions for carriage – Bulk (RID)	: VC1, VC2, AP2
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 40

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

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Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : Ethyl alcohol is listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting : Ethyl alcohol is listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : Ethyl alcohol is listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : Ethyl alcohol is listed

giftige stoffen – Ontwikkeling

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit

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PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

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Data sources : Loli. ECHA reference.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

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

Flam. Sol. 1	H228
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Full text of H- and EUH-statements:

Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H228	Flammable solid.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.