

70% Alcohol wipes (125211/3)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (United States)
2015/830 Issue date: 08/10/2020 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : 70% Alcohol wipes (125211/3)

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

1.2.1. Relevant identified uses

Main use category : Intended for general public
Use of the substance/mixture : Hand cleansing wipes

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Humane Choice, LLC
210 Grizzafi Street,
Morgan City, LA 70380

Phone: 1-800-795-1393

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United States	Humane Choice, LLC	210 Grizzafi Street, Morgan City, LA 70380	Medical: 1-800-795-1393 Transportation: 1-800-424-9300	-

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 2 H225
Eye Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.

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Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking.
P233 - Keep container tightly closed.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

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]
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	70 – 85	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Glycerol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	1 – 5	Not classified
2,6-di-tert-butyl-p-cresol (BHT) substance with national workplace exposure limit(s) (GB)	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) 01-2119555270-46	≤ 0.0012	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Diphenyl ether substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB)	(CAS-No.) 101-84-8 (EC-No.) 202-981-2	≤ 0.0003	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	(50 ≤C < 100) Eye Irrit. 2, H319

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Take victim to fresh air, in a quiet place and if necessary take medical advice.
First-aid measures after skin contact : Wash skin thoroughly with mild soap and water. In case of redness or irritation, call a doctor.
First-aid measures after eye contact : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. If you feel unwell, seek medical advice.

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

Symptoms/effects after eye contact : Causes serious eye irritation.

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 : Alcohol resistant foam. Dry powder. Carbon dioxide (CO₂). Water spray.
Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.
Explosion hazard : Vapours may form explosive mixture with air.
Hazardous decomposition products in case of fire : Toxic vapours may be released. Carbon oxides (CO, CO₂).

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate ventilation.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel. Remove all sources of ignition. Do not breathe vapours. Avoid contact with skin and eyes. In case of important spillage : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

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

Contain the spilled material by bunding. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

For containment : Mechanically recover the product. Shovel into suitable and closed container for disposal.
Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent the build-up of electrostatic charge. Avoid contact with skin and eyes. Provide good ventilation in process area to prevent formation of vapour. Prevent unauthorised access. Ground/bond container and receiving equipment. Use explosion-proof equipment.

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Hygiene measures : Do not drink, eat or smoke in the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store in dry, cool, well-ventilated area. Keep away from open flames, hot surfaces and sources of ignition. Keep away from heat. Protect from sunlight.

Incompatible materials : Strong oxidizing agents. Strong acids. Strong bases. Metallic oxides. Peroxides. Alkali metals. Metallic salts.

Special rules on packaging : Store in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethanol (64-17-5)	
United States - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (mg/m ³)	1920 mg/m ³
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Glycerol (56-81-5)	
United States - Occupational Exposure Limits	
Local name	Glycerol
WEL TWA (mg/m ³)	10 mg/m ³ mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

2,6-di-tert-butyl-p-cresol (BHT) (128-37-0)	
United States - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (mg/m ³)	10 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Diphenyl ether (101-84-8)	
United States- Occupational Exposure Limits	
Local name	Diphenyl ether
IOELV TWA (mg/m ³)	7 mg/m ³
IOELV TWA (ppm)	1 ppm
IOELV STEL (mg/m ³)	14 mg/m ³
IOELV STEL (ppm)	2 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
United States- Occupational Exposure Limits	
Local name	Diphenyl ether
WEL TWA (mg/m ³)	7 mg/m ³
WEL TWA (ppm)	1 ppm

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Diphenyl ether (101-84-8)

WEL STEL (mg/m ³)	14 mg/m ³
WEL STEL (ppm)	2 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Not required for normal conditions of use. Prolonged and/or repeated handling: Protective gloves. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. Breakthrough time : refer to the recommendations of the supplier

Eye protection:

Not required for normal conditions of use

Skin and body protection:

Not required for normal conditions of use

Respiratory protection:

If the ventilation is suitable, it is not essential to wear respiratory equipment

Environmental exposure controls:

Avoid discharge of the product as is into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Soaked wipe.
Colour	: pale.
Odour	: No data available
Odour threshold	: No data available
pH	: 5 – 6 (Impregnation lotion)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: < 23 °C (estimated) (Impregnation lotion)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
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	: Explosive vapour/air mixtures may be formed.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Flammable or explosive vapour/air mixtures may be formed.

10.4. Conditions to avoid

Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases. Metallic oxides. Peroxides. Alkali metals. Metallic salts.

10.6. Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)

LD50 oral rat	10470 mg/kg (95%) (OECD 401 method)
LC50 inhalation rat	124.7 mg/l/4h (vapours) (equivalent or similar to OECD Guideline 403)

Glycerol (56-81-5)

LD50 oral rat	27200 mg/kg (Published data)
LD50 dermal	56750 mg/kg (Guinea pig)

2,6-di-tert-butyl-p-cresol (BHT) (128-37-0)

LD50 oral rat	> 6000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

Diphenyl ether (101-84-8)

LD50 oral rat	2.83 g/kg
LD50 dermal rabbit	7940 mg/kg bodyweight

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 5 – 6 (Impregnation lotion)
Serious eye damage/irritation	: Causes serious eye irritation. pH: 5 – 6 (Impregnation lotion)

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Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)

LOAEL (oral, rat, 90 days)	3156 mg/kg bodyweight/day
NOAEL (oral, rat, 90 days)	≤ 1730 mg/kg bodyweight/day

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)

LC50 fish	15.3 g/l (96 Hours) (Pimephales promelas)
EC50 Daphnia	5012 mg/l (48 Hours) (Ceriodaphnia dubia)
ErC50 (algae)	275 mg/l (72 Hours) (Chlorella vulgaris)(OECD 201 method)
NOEC chronic fish	250 mg/l (120 Hours) (Danio rerio) (OECD 212 method)
NOEC chronic crustacea	9.6 mg/l (9 days) (Daphnia magna)

Glycerol (56-81-5)

LC50 fish	54000 mg/l/96h (Oncorhynchus mykiss) (Published data)
EC50 Daphnia	> 10000 mg/l/24h (Daphnia magna)(Published data)

Diphenyl ether (101-84-8)

LC50 fish	4.2 mg/l/96h Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia	1.96 mg/l/48 h (Daphnia magna)
ErC50 (algae)	0.455 mg/l/72 h (Pseudokirchneriella subcapitata)
NOEC chronic algae	0.24 mg/l/72 h (Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

Ethanol (64-17-5)

Persistence and degradability	Readily biodegradable. 75 % biodegradation. (> 20 days).
Biochemical oxygen demand (BOD)	0.93 – 1.67 g O ₂ /g substance
Chemical oxygen demand (COD)	1.99 g O ₂ /g substance

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Glycerol (56-81-5)

Persistence and degradability	Readily biodegradable.
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2,6-di-tert-butyl-p-cresol (BHT) (128-37-0)

Persistence and degradability	Not readily biodegradable.
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Diphenyl ether (101-84-8)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

Ethanol (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	-0.35 (20°C)
Bioaccumulative potential	Not potentially bioaccumulable.

Glycerol (56-81-5)

Partition coefficient n-octanol/water (Log Pow)	-1.75
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2,6-di-tert-butyl-p-cresol (BHT) (128-37-0)

BCF	598.4 (calculated value)
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12.4. Mobility in soil

Ethanol (64-17-5)

Ecology - soil	Small adsorption. Product evaporates rapidly when in contact with the air.
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12.5. Results of PBT and vPvB assessment

Component

Ethanol (64-17-5)	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
Glycerol (56-81-5)	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 in accordance with relevant local regulations.
Additional information	: Empty the packaging completely prior to disposal. The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

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

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (United States) No 649/2012 of the United States government concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (United States) No 2019/1021 of the United States government on persistent organic pollutants

Type of product (Biocide) : 1 - Human hygiene

15.1.2. National regulations

No additional information available

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
CAS	Chemical Abstracts Service (division of the American Chemical Society)
EC50	Median effective concentration
LC50	Median lethal concentration

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CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
LD50	Median lethal dose
ECHA	European Chemicals Agency
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LOAEL	Lowest Observed Adverse Effect Level
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
VLE	Valeur Limite d'Exposition
VME	Valeur Moyenne d'Exposition
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA - European Chemical Agency. SDS of suppliers.
Other information : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation. Safety data sheet established by : LISAM TELEGIS
17 rue de la Couture F-60400 Passel
www.lisam-telegis.com.

Full text of H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. 2	H225	Expert judgment
Eye Irrit. 2	H319	Calculation method

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.