

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

1.1. Product identifier

Product form : Mixture
Product name : REASEC 10
UFI : ESP1-K1QJ-H005-PU7T
Product code : LIQ0548
Type of product : Detergent

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

REALCO S.A. S.A.
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BE- B-1348 Louvain-la-Neuve
Belgium
T +32 (0)10 45 30 00 - F +32 (0)10 45 63 63
info@realco.be - www.realco.be

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+32 70 245 245	
	ORFILA		+33 1 45 42 59 59	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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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]
	CAS-No.: 68551-13-3	15 - 30	Aquatic Acute 1, H400
Alcohols, C12-C14, etoxylated, propoxylated	CAS-No.: 68439-51-0 EC-No.: 931-986-9	5 - 15	Aquatic Chronic 3, H412
ethanol; ethyl alcohol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	5 - 15	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Sodium xylenesulphonate	CAS-No.: 1300-72-7 EC-No.: 215-090-9 REACH-no: 01-2119513350-56	1 - 5	Eye Irrit. 2, H319

Full text of H- and EUH-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 (show the label where possible). If on skin, take off contaminated clothing.
First-aid measures after inhalation	: Remove victim to fresh air. Allow affected person to breathe fresh air. If not breathing, give artificial respiration.
First-aid measures after skin contact	: Wash with plenty of water/....
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth.

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

Symptoms/effects after inhalation	: Cough. Sore throat. Shortness of breath.
Symptoms/effects after skin contact	: Irritating to skin.
Symptoms/effects after eye contact	: Redness, pain. Blurred vision.
Symptoms/effects after ingestion	: Abdominal pain, nausea. Gastrointestinal complaints.

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. Carbon dioxide. Water spray. Dry powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: This product is flammable.
Explosion hazard	: Product is not explosive.

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Hazardous decomposition products in case of fire : Toxic vapours. fume. Carbon oxides (CO, CO₂).

5.3. Advice for firefighters

Precautionary measures fire : Self-contained breathing apparatus when in close proximity to fire.
Firefighting instructions : Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Mechanically ventilate the spillage area.

6.1.1. For non-emergency personnel

Protective equipment : Personal protection. See Section 8.
Emergency procedures : Do not breathe vapours. Evacuate area.

6.1.2. For emergency responders

Protective equipment : Personal protection. See Section 8. Equip cleanup crew with proper protection.
Emergency procedures : Mark the danger area. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dike for recovery or absorb with appropriate material.
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Rinse with plenty of water.

6.4. Reference to other sections

See Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Do not breathe Vapours. Use only non-sparking tools.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide for a tub to collect spills.
Storage conditions : Keep in a cool, well-ventilated place. Keep container closed when not in use.
Incompatible products : Strong bases. Oxidizing agent.
Incompatible materials : May be corrosive to some metals.
Storage temperature : 4 – 25 °C
Heat and ignition sources : Keep away from sources of ignition - No smoking.
Storage area : Store away from heat. Store in a well-ventilated place.
Special rules on packaging : Keep only in original container. Do not store in corrodable metal. Store in a closed container.
Packaging materials : PEHD. Do not store in corrodable metal.

7.3. Specific end use(s)

Wash.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

ethanol; ethyl alcohol (64-17-5)	
Belgium - Occupational Exposure Limits	
Local name	Alcool éthylique # Ethanol
OEL TWA	1907 mg/m ³
OEL TWA [ppm]	1000 ppm
France - Occupational Exposure Limits	
VME (OEL TWA)	1900 mg/m ³
VME (OEL TWA) [ppm]	1000 ppm
VLE (OEL C/STEL)	9500 mg/m ³
VLE (OEL C/STEL) [ppm]	5000 ppm

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

8.2.2. Personal protection equipment

Personal protective equipment:

Insulated gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Eye protection (standard EN 166)

8.2.2.2. Skin protection

Skin and body protection:

Avoid contact with skin. Use chemically protective clothing

Hand protection:

Wear suitable gloves resistant to chemical penetration. (EN 374)

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8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

Thermal hazard protection:

No specific measures are necessary.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Prevent entry to sewers and public waters. Avoid release to the environment.

Other information:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. The equipment must be cleaned thoroughly after each use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: red.
Odour	: Alcohol.
Odour threshold	: Not determined
Melting point	: The product has not been tested
Freezing point	: The product has not been tested
Boiling point	: The product has not been tested
Flammability	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Not applicable.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: The product has not been tested
Decomposition temperature	: Not applicable
pH	: 3 – 4
Viscosity, kinematic	: The product has not been tested
Viscosity, dynamic	: The product has not been tested
Solubility	: Material highly soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: The product has not been tested
Vapour pressure	: The product has not been tested
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0,95 – 1,05
Relative vapour density at 20°C	: The product has not been tested
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Critical temperature	: Not applicable
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9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: The product has not been tested
Relative evaporation rate (ether=1)	: The product has not been tested

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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

Contact with metallic substances may release flammable hydrogen gas.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Oxidizing agent. Bases.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Alcohols, C12-C14, etoxylated, propoxylated (68439-51-0)

LD50 oral rat	> 2000 mg/kg
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ethanol; ethyl alcohol (64-17-5)

LD50 oral rat	> 2000 mg/kg
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LD50 dermal rabbit	> 2000 mg/kg
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Sodium xylenesulphonate (1300-72-7)

LD50 oral rat	> 7000 mg/kg
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LD50 dermal rabbit	> 2000 mg/kg
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Skin corrosion/irritation : Not classified
pH: 3 – 4

ethanol; ethyl alcohol (64-17-5)

pH	Neutral product
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Serious eye damage/irritation : Not classified
pH: 3 – 4

ethanol; ethyl alcohol (64-17-5)

pH	Neutral product
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Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

ethanol; ethyl alcohol (64-17-5)

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

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STOT-single exposure : Not classified

Sodium xylenesulphonate (1300-72-7)

NOAEL (oral, rat)	> 936 mg/kg bodyweight
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STOT-repeated exposure : Not classified

Sodium xylenesulphonate (1300-72-7)

NOAEL (oral, rat, 90 days)	763 – 3534 mg/kg bodyweight/day
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NOAEL (dermal, rat/rabbit, 90 days)	> 440 mg/kg bodyweight/day
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Aspiration hazard : Not classified

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Viscosity, kinematic	The product has not been tested
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

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

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

(68551-13-3)

LC50, Fish, acute	1.8 mg/l (96 Hours)
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EC50, daphnia, acute	0.22 - 0.75 mg/l (48 Hours)
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IC50, algae, acute	1.4 mg/l (72 Hours)
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Alcohols, C12-C14, etoxylated, propoxylated (68439-51-0)

LC50 - Fish [1]	1 – 10 mg/l (Desmodesmus subspicatus)
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EC50 - Crustacea [1]	1 – 10 mg/l (Daphnia magna)
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EC50 72h - Algae [1]	1 – 10 mg/l (Leuciscus idus)
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ethanol; ethyl alcohol (64-17-5)

EC50, daphnia	> mg/l (Hours)
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Sodium xylenesulphonate (1300-72-7)

EC50, algae	mg/l (Hours)
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EC50, daphnia	mg/l (Hours)
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ErC50, algae	mg/l (Hours)
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ErC50	mg/l (Hours)
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LC50, Fish	mg/l (Hours)
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12.2. Persistence and degradability

(68551-13-3)

Persistence and degradability	Biodegradable.
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Alcohols, C12-C14, etoxylated, propoxylated (68439-51-0)

Biodegradation	70 % (OECD 301A method)
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Sodium xylenesulphonate (1300-72-7)

Persistence and degradability	Biodegradable.
Biodegradation	99,8 % OECD 301B 28 days

12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Pow)	The product has not been tested
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(68551-13-3)

Partition coefficient n-octanol/water (Log Pow)	≈ 5,1
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ethanol; ethyl alcohol (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	- 0,35
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Sodium xylenesulphonate (1300-72-7)

Bioaccumulative potential	Slightly or not bioaccumulative.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Remove to an authorized waste treatment plant.
Sewage disposal recommendations	: May be discharged to wastewater treatment installation.
Product/Packaging disposal recommendations	: When totally empty, containers are recyclable like any other packing. Dispose of contents/container to hazardous or special waste collection point.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances
R code/ D code	: D9 - Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)

SECTION 14: Transport information

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

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ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

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

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

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Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Detergent Regulation (648/2004)

Labelling of contents	
Component	%
non-ionic surfactants	15-30%
amphoteric surfactants	<5%

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

France

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes:

according to Regulation (EC) No. 453/2010.

Indication of changes			
Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
	Issue date	Modified	
1.1	Name	Modified	

Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH210	Safety data sheet available on request.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.

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Full text of H- and EUH-statements:

H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

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.