

OXYCLEAN - Ready-To-Use Disinfectant

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

1.1 - Product identifier

Trade name/designation OXYCLEAN - Ready-To-Use Disinfectant

Chemical name

Product-type Mixture

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

Relevant identified uses

- SURFACE CLEANERS (liquid, powder, gel neat, spray neat) for consumer use
- Disinfectant

Uses advised against

- Do not use for products which come into contact with the food stuffs.

1.3 - Details of the supplier of the safety data sheet

JODIMA
Industriestraat 21
1910 Kampenhout Belgium
Telephone : +32(0)16/16 89 80 Fax +32(0)16/65 85 00
SDS- Contact JODIMA : +32(0)16/61 89 80 info@jodima.be

1.4 - Emergency telephone number

- Poison Centre. Tel: (+32) 070 245 245 or (+32) 02 264 96 30 Belgium

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Eye Irrit. 2	Eye irritation - Category 2

2.2 - Label elements

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

Contains: ethanol (CAS No.: 64-17-5)

Signal word : Danger

Hazard pictograms



Hazard statements

H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation

Precautionary statements

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P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P501	Dispose of contents, container to an appropriate recycling or disposal facility.
EUH-phrases	: None

2.3 - Other hazards

PBT-substance. - No information available.

vPvB-substance. - No information available.

Other hazards which do not result in classification - No information available.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
ethanol	CAS No. : 64-17-5 Index No. : EC No. : 200-578-6 REACH No. : 01-2119457610-43-0196	80	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225	Eye Irrit. 2 - H319 : 50>%<=100

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - No special measures are necessary.
- Provide fresh air.

Following skin contact - Wash immediately with: Water
- When in doubt or if symptoms are observed, get medical advice.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.
- Do NOT induce vomiting.

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

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No information available.

Symptoms and effects - After eye contact - Causes eye irritation.

Symptoms and effects - After ingestion - No information available.

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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

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media

- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- No information available.

Hazardous decomposition products

- No information available.

5.3 - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.
- Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.
- Provide adequate ventilation.
- Remove all sources of ignition.

For emergency responders

- No information available.

6.2 - Environmental precautions

- No information available.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- No information available.

Methods and material for cleaning up

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

Inappropriate techniques

- No information available.

6.4 - Reference to other sections

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

SECTION 7: Handling and storage

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7.1 - Precautions for safe handling

Recommendation

- Avoid: Eye contact
- Vapours can form explosive mixtures with air.
- When using do not smoke.
- Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

Advices on general occupational hygiene

- When using do not eat, drink, smoke, sniff.
- Immediately remove any contaminated clothing, shoes or stockings.

7.2 - Conditions for safe storage, including any incompatibilities

- Storage class Flammable liquids
- Keep container tightly closed and in a well-ventilated place.
- Do not store together with: Combustible substance
- Protect against: Heat

7.3 - Specific end use(s)

- No information available.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

- No information available.

8.2 - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection



- Suitable protective clothing: lab coat



- Protective gloves



- Suitable material: Butyl caoutchouc (butyl rubber)

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- Suitable material: NBR (Nitrile rubber)

- Suitable material: NR (natural rubber, natural latex)

- Suitable material: PE (polyethylene)

- Suitable material: PVC (Polyvinyl chloride)

- Required properties: Type 3
Liquid-tight

- Check leak tightness/impermeability prior to use.

Environmental exposure controls

- No information available.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	<u>Liquid</u>	<u>Appearance</u>	<u>Liquid</u>
<u>Colour</u>	transparent	<u>Odour</u>	earthy
Odour threshold		No data available	
pH		7 < V < 9	
Melting point		No data available	
Freezing point		No data available	
Boiling point		> 78 °C	
Flash point		20 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		3,3 % Vol.	
Upper explosion limit		19 % Vol.	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	

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Density	0,85 kg/l
Solubility (Water)	100 %
Solubility (Ethanol)	100 %
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	425 °C
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	1,2 mPa.s

9.2 - Other information

VOC content	80 %
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- In case of warming: Ignition hazard

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- No information available.

SECTION 11: Toxicological information

11.1 - Information on toxicological effects

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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- Based on available data, the classification criteria are not met.

Toxicity : Substances

ethanol (64-17-5)

LD50 oral (rat)	> 2000 mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg

Skin corrosion/irritation

- Not classified

- Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

- Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

Respiratory or skin sensitisation

- Not classified

Germ cell mutagenicity

- Not classified

Carcinogenicity

- Not classified

- This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

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

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

ethanol (64-17-5)

EC50 48 hr crustacea	> 100 mg/l
LC50 96 hr fish	> 100 mg/l
ErC50 algae	> 100 mg/l

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

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12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- No information available.

- No information available.

12.6 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- No information available.

SECTION 14: Transport information

14.1 - UN number

UN number (ADR) : UN1170

14.2 - UN proper shipping name

UN proper shipping name (ADR) : ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) (ethanol)

14.3 - Transport hazard class(es)

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ADR Transport hazard class(es) : 3
ADR Classification code: : F1
Pictograms



14.4 - Packing group

Packing group : II

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

Additional information - No information available.

14.6 - Special precautions for user

ADR

ADR Classification code: : F1
ADR Special provisions : 144+601
ADR Limited quantity (LQ) : 1 L
ADR Excepted quantities : E2
ADR Packing instructions : P001 IBC02 R001
ADR Special packing provisions :
ADR Mixed packing provisions : MP19
Instructions for portable tanks and bulk containers : T4
Special provisions for portable tanks and bulk containers : TP1
ADR tank code : LGBF
ADR tanks special provisions :
Vehicle for tank carriage : FL
ADR Transport category : 2
ADR Tunnel restriction code : D/E
ADR Special provisions loading, unloading and handling :
Special provisions - Packages :
Special provisions - Bulk :
Special provisions - Operation : S2, S20
ADR Hazard identification number (Kemler No.) : 33

14.7 - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

Substances REACH candidates : None
Substances Annex XIV : None
Substances Annex XVII : None

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VOC content 80 %

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Description of the amendments
1	31/03/2020	

Texts of the regulatory sentences

Eye Irrit. 2	Eye irritation - Category 2
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
H225	Highly flammable liquid and vapour
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