

**Safety Data Sheet**

according to UK REACH Regulation

**Diotrol Allclean Konzentrat**

Revision date: 25.04.2024

Product code: 82510

Page 1 of 10

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Diotrol Allclean Konzentrat

UFI: GH3Q-7CH9-W20J-TDF8

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

Cleaning agent

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name: Maurolin AG  
Street: Bodenackerstrasse 64  
Place: CH-4657 Dulliken  
Post-office box: 111

CH Dulliken

Telephone: +41(0)622853070

E-mail: info@maurolin.ch

Internet: www.maurolin.ch

Telefax: +41(0)622853080

**Supplier**

Company name: Diotrol AG  
Street: Heuriedweg 30 A  
Place: D-88131 Lindau am Bodensee  
Telephone: +49 (0)8382 88 99 310  
E-mail: info@diotrol.com  
Internet: www.diotrol.com

**1.4. Emergency telephone number:**

CH EU Toxzentrum Zürich, telefon +41 44 251 51 51

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Skin Irrit. 2; H315

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

Isotridecanol, ethoxyliert (&gt;7 - &lt;15 EO)

Sulfonsäuren, C 14-17-sec-Alkan, Natriumsalze

Sodium hydroxide; caustic soda

**Signal word:** Danger**Pictograms:****Hazard statements**

H315

Causes skin irritation.

## Safety Data Sheet

according to UK REACH Regulation

## Diotrol Allclean Konzentrat

Revision date: 25.04.2024

Product code: 82510

Page 2 of 10

H318 Causes serious eye damage.

## Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P264 Wash Hände thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.

## 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
69011-36-5	Isotridecanol, ethoxyliert (>7 - <15 EO)			1 - < 5 %
	931-138-8			
	Acute Tox. 4, Eye Dam. 1; H302 H318			
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether			1 - < 5 %
	203-961-6			
	Eye Irrit. 2; H319			
97489-15-1	Sulfonsäuren, C 14-17-sec-Alkan, Natriumsalze			1 - < 5 %
	307-055-2		01-2119489924-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
1310-73-2	Sodium hydroxide; caustic soda			1 - < 5 %
	215-185-5	011-002-00-6		
	Skin Corr. 1A; H314			

Full text of H and EUH statements: see section 16.

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
69011-36-5	931-138-8	Isotridecanol, ethoxyliert (>7 - <15 EO)	1 - < 5 %
	oral: ATE = 500 mg/kg Eye Dam. 1; H318: >= 10 - 100 Eye Irrit. 2; H319: >= 1 - < 10		
112-34-5	203-961-6	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	1 - < 5 %
	dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg		
97489-15-1	307-055-2	Sulfonsäuren, C 14-17-sec-Alkan, Natriumsalze	1 - < 5 %
	oral: ATE = 500 mg/kg		
1310-73-2	215-185-5	Sodium hydroxide; caustic soda	1 - < 5 %
	Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 Skin Irrit. 2; H315: >= 0.5 - < 2 Eye Irrit. 2; H319: >= 0.5 - < 2		

## Labelling for contents according to Regulation (EC) No 648/2004

&lt; 5 % anionic surfactants.

**Safety Data Sheet**

according to UK REACH Regulation

**Diotrol Allclean Konzentrat**

Revision date: 25.04.2024

Product code: 82510

Page 3 of 10

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink 1 glass of water.

**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**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

**5.2. Special hazards arising from the substance or mixture**

Non-flammable.

**5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**Other information**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**Safety Data Sheet**

according to UK REACH Regulation

**Diotrol Allclean Konzentrat**

Revision date: 25.04.2024

Product code: 82510

Page 4 of 10

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

No special measures are necessary.

**7.3. Specific end use(s)**

Cleaning agent

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	WEL

**8.2. Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Dichtschließende Schutzbrille. EN 166

**Hand protection**

Handschuhmaterial Butylkautschuk 0,7 mm, 480 min

· Durchdringungszeit des Handschuhmaterials

Die genaue Durchbruchzeit ist beim Schutzhandschuhhersteller zu erfahren und einzuhalten.

**Skin protection**

Use of protective clothing.

**Safety Data Sheet**

according to UK REACH Regulation

**Diotrol Allclean Konzentrat**

Revision date: 25.04.2024

Product code: 82510

Page 5 of 10

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	leicht gelblich
Odour:	neutral
Melting point/freezing point:	0 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	13
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	1.0 g/cm <sup>3</sup>
Relative vapour density:	not determined

**9.2. Other information****Information with regard to physical hazard classes****Explosive properties**

The product is not: Explosive. not applicable

**Oxidizing properties**

The product is not: oxidising.

**Other safety characteristics**

Evaporation rate:	not determined
Solvent content:	water: 82.73 %

**SECTION 10: Stability and reactivity****10.1. Reactivity**

entspricht 10.3

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Stark exotherme Reaktion mit Säuren.

Reaktionen mit Leichtmetallen unter Bildung von Wasserstoff.

Korrodiert Aluminium.

**10.4. Conditions to avoid**

none

**10.5. Incompatible materials**

Ungeeignet für alkaliempfindliche Stoffe wie zum Beispiel Zinn, Zink, Aluminium.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**Safety Data Sheet**

according to UK REACH Regulation

**Diotrol Allclean Konzentrat**

Revision date: 25.04.2024

Product code: 82510

Page 6 of 10

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

**ATEmix calculated**

ATE (oral) 7407 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
69011-36-5	Isotridecanol, ethoxyliert (>7 - <15 EO)				
	oral	ATE 500 mg/kg			
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether				
	oral	LD50 >2000 mg/kg	Rat	Manufacturer	
	dermal	LD50 >2000 mg/kg	Rabbit	Manufacturer	
97489-15-1	Sulfonsäuren, C 14-17-sec-Alkan, Natriumsalze				
	oral	ATE 500 mg/kg			

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**11.2. Information on other hazards****Further information**

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

**SECTION 12: Ecological information****12.1. Toxicity**

The product is not: Ecotoxic.

## Safety Data Sheet

according to UK REACH Regulation

## Diotrol Allclean Konzentrat

Revision date: 25.04.2024

Product code: 82510

Page 7 of 10

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether					
	Acute algae toxicity	ErC50 mg/l	> 100		Scenedesmus sp.	
	Acute crustacea toxicity	EC50 mg/l	> 100	48 h	Daphnia magna	
1310-73-2	Sodium hydroxide; caustic soda					
	Acute fish toxicity	LC50 mg/l	45,4	96 h	Onchorhynchus mykiss	

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	0,56 (25°C)

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The product has not been tested.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:**

UN 3266

**14.2. UN proper shipping name:**

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

**14.3. Transport hazard class(es):**

8

**14.4. Packing group:**

III

Hazard label:

8



# Safety Data Sheet

according to UK REACH Regulation

## Diotrol Allclean Konzentrat

Revision date: 25.04.2024

Product code: 82510

Page 8 of 10

Classification code:	C5
Special Provisions:	274
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	80
Tunnel restriction code:	E

### Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	not applicable
<u>14.2. UN proper shipping name:</u>	not applicable
<u>14.3. Transport hazard class(es):</u>	not applicable
<u>14.4. Packing group:</u>	not applicable

### Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	not applicable
<u>14.2. UN proper shipping name:</u>	not applicable
<u>14.3. Transport hazard class(es):</u>	not applicable
<u>14.4. Packing group:</u>	@1718.

### Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	not applicable
<u>14.2. UN proper shipping name:</u>	not applicable
<u>14.3. Transport hazard class(es):</u>	not applicable
<u>14.4. Packing group:</u>	@1718.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	No
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### 14.6. Special precautions for user

Warning: strongly corrosive.

### 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

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 55, Entry 75

Directive 2004/42/EC on VOC in paints and varnishes:	3.996 % (39.96 g/l)
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Information according to Directive 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)
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#### National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
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Water hazard class (D):	1 - slightly hazardous to water
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### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information



**Safety Data Sheet**

according to UK REACH Regulation

**Diotrol Allclean Konzentrat**

Revision date: 25.04.2024

Product code: 82510

Page 9 of 10

**Abbreviations and acronyms**

Acute Tox: Acute toxicity  
Skin Corr: Skin corrosion  
Skin Irrit: Skin irritation  
Eye Dam: Eye damage  
Eye Irrit: Eye irritation  
Aquatic Chronic: Chronic aquatic hazard  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
UVCB: Unknown or Variable Composition, Complex Reaction Products, and Biological Materials  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

**Relevant H and EUH statements (number and full text)**

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.

**Safety Data Sheet**

according to UK REACH Regulation

**Diotrol Allclean Konzentrat**

Revision date: 25.04.2024

Product code: 82510

Page 10 of 10

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*