

# Safety Data Sheet (SDS)

## OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS

Printing date 07/04/2017

Reviewed on 06/08/2017

### 1 Identification

- **Product identifier**
- **Trade name:** LOBACARE Wachsentferner / Remover
- **Article number:** 10065-000
- **Application of the substance / the mixture** Basic cleaner
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 LOBA-Wakol LLC  
 521-C Eagleton Downs RD  
 Pineville, NC 28134, USA  
 Fon (800) 230-6456  
 Fax (704) 527 - 5922
- **Emergency telephone number:**  
 For Emergency Assistance Involving Chemicals - Call INFOTRAC US. 800-535-5053  
 International: INFOTRAC, Tel + 1 352 323 3500  
 Info you need when you call: Product Name or Manufacturer Name

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

- **Label elements**
- **GHS label elements**  
 The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
 iso-tridecanole, ethoxylated (> 5-20 EO)
- **Hazard statements**  
 Causes skin irritation.  
 Causes serious eye damage.
- **Precautionary statements**  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing.  
 Immediately call a POISON CENTER/doctor.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 1  
 Fire = 0  
 Reactivity = 0

(Contd. on page 2)

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(Contd. of page 1)

### · HMIS-ratings (scale 0 - 4)

HEALTH	1	Health = 1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

### · Other hazards

### · Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## 3 Composition/information on ingredients

### · Chemical characterization: Mixtures

· **Description:** Mixture of the substances listed below with nonhazardous additions.

### · Dangerous components:

CAS: 111-76-2 EINECS: 203-905-0	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	10-25%
CAS: 108-65-6 EINECS: 203-603-9	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	5-10%
CAS: 112-34-5 EINECS: 203-961-6	2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2A, H319	5-10%
	2-(2-Ethoxyethoxy)-ethanol Flam. Liq. 4, H227	5-10%
CAS: 69011-36-5 EC number: 931-138-8	iso-tridecanole, ethoxylated (> 5-20 EO) ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	2.5-5%
CAS: 5064-31-3 EINECS: 225-768-6	trisodium nitrilotriacetate ⚠ Carc. 2, H351; ⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319	<0.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## 4 First-aid measures

### · Description of first aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

### · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

### · Information for doctor:

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

### · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5 Fire-fighting measures

### · Extinguishing media

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture** No further relevant information available.

### · Advice for firefighters

· **Protective equipment:** No special measures required.

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Trade name: **LOBACARE Wachsentferner / Remover**

(Contd. of page 2)

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

#### · PAC-1:

111-76-2	2-butoxyethanol	60 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
	2-(2-Ethoxyethoxy)-ethanol	75 ppm
1336-21-6	ammonia, aqueous solution	61 ppm
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
91-64-5	Coumarin	0.88 mg/m3
100-51-6	Benzyl alcohol	30 ppm

#### · PAC-2:

111-76-2	2-butoxyethanol	120 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
	2-(2-Ethoxyethoxy)-ethanol	100 ppm
1336-21-6	ammonia, aqueous solution	330 ppm
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
91-64-5	Coumarin	9.7 mg/m3
100-51-6	Benzyl alcohol	52 ppm

#### · PAC-3:

111-76-2	2-butoxyethanol	700 ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
	2-(2-Ethoxyethoxy)-ethanol	450 ppm
1336-21-6	ammonia, aqueous solution	2,300 ppm
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm
91-64-5	Coumarin	58 mg/m3
100-51-6	Benzyl alcohol	740 ppm

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Use only in well ventilated areas.  
Keep receptacles tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.

(Contd. on page 4)

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Printing date 07/04/2017

Reviewed on 06/08/2017

Trade name: LOBACARE Wachsentferner / Remover

(Contd. of page 3)

- Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 12
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

#### 111-76-2 2-butoxyethanol

PEL	Long-term value: 240 mg/m <sup>3</sup> , 50 ppm Skin
REL	Long-term value: 24 mg/m <sup>3</sup> , 5 ppm Skin
TLV	Long-term value: 97 mg/m <sup>3</sup> , 20 ppm BEI

#### 108-65-6 2-methoxy-1-methylethyl acetate

WEEL	Long-term value: 50 ppm
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#### 112-34-5 2-(2-butoxyethoxy)ethanol

TLV	Long-term value: 67.5* mg/m <sup>3</sup> , 10* ppm *Inhalable fraction and vapor
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#### 2-(2-Ethoxyethoxy)-ethanol

WEEL	Long-term value: 25 ppm
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- **Ingredients with biological limit values:**

#### 111-76-2 2-butoxyethanol

BEI	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**  
Protective gloves  
To avoid skin problems reduce the wearing of gloves to the required minimum.

(Contd. on page 5)

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Reviewed on 06/08/2017

**Trade name: LOBACARE Wachsentferner / Remover**

(Contd. of page 4)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Tightly sealed goggles

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:

Liquid

Color:

According to product specification

· **Odor:**

Characteristic

· **Odor threshold:**

Not determined.

· **pH-value at 20 °C (68 °F):**

7.7

· **Change in condition**

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

100 °C (212 °F)

· **Flash point:**

Not applicable.

· **Flammability (solid, gaseous):**

Not applicable.

· **Ignition temperature:**

190 °C (374 °F)

· **Decomposition temperature:**

Not determined.

· **Auto igniting:**

Product is not selfigniting.

· **Danger of explosion:**

Product does not present an explosion hazard.

· **Lower:**

1.1 Vol %

· **Upper:**

10.6 Vol %

· **Vapor pressure at 20 °C (68 °F):**

0.8 hPa (1 mm Hg)

· **Density at 20 °C (68 °F):**

1.004 g/cm<sup>3</sup> (8.378 lbs/gal)

· **Relative density**

Not determined.

· **Vapor density**

Not determined.

· **Evaporation rate**

Not determined.

· **Solubility in / Miscibility with**

Water:

Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic:

Not determined.

Kinematic:

Not determined.

VOC content:

30.0 %

· **Other information**

No further relevant information available.

US  
(Contd. on page 6)

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Trade name: LOBACARE Wachsentferner / Remover

(Contd. of page 5)

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
- **Carcinogenic categories**

#### · IARC (International Agency for Research on Cancer)

111-76-2	2-butoxyethanol	3
5989-27-5	(R)-p-mentha-1,8-diene	3
91-64-5	Coumarin	3

#### · NTP (National Toxicology Program)

None of the ingredients is listed.

#### · OSHA (Occupational Safety & Health Administration)

None of the ingredients is listed.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

US

(Contd. on page 7)

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Trade name: LOBACARE Wachsentferner / Remover

(Contd. of page 6)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. After prior treatment product has to be landfilled or incinerated adhering to the regulations pertaining to the disposal of especially hazardous waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- |   |                 |
|---|-----------------|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT, ADR, ADN, IMDG, IATA</b></li> </ul>  | not regulated   |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT, ADR, ADN, IMDG, IATA</b></li> </ul>                            | not regulated   |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT, ADR, ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> </ul> | not regulated   |
| <ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>   | not regulated   |
| <ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>                                     | No              |
| <ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> </ul>   | Not applicable. |
| <ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> </ul>                        | Not applicable. |
| <ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>   | not regulated   |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **TSCA (Toxic Substances Control Act):** All components are on the TSCA inventory
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
iso-tridecanole, ethoxylated (> 5-20 EO)
- **Hazard statements**  
Causes skin irritation.  
Causes serious eye damage.

(Contd. on page 8)



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(Contd. of page 7)

**· Precautionary statements**

*If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

*Immediately call a POISON CENTER/doctor.*

**· Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**· Relevant phrases**

*H226 Flammable liquid and vapor.*

*H227 Combustible liquid.*

*H302 Harmful if swallowed.*

*H312 Harmful in contact with skin.*

*H315 Causes skin irritation.*

*H318 Causes serious eye damage.*

*H319 Causes serious eye irritation.*

*H332 Harmful if inhaled.*

*H351 Suspected of causing cancer.*

**· Department issuing SDS:** Productmanagement.

**· Date of preparation / last revision** 07/04/2017 / 2

**· Abbreviations and acronyms:**

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*ICAO: International Civil Aviation Organisation*

*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*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

*BEI: Biological Exposure Limit*

*Flam. Liq. 3: Flammable liquids – Category 3*

*Flam. Liq. 4: Flammable liquids – Category 4*

*Acute Tox. 4: Acute toxicity – Category 4*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A*

*Carc. 2: Carcinogenicity – Category 2*

**· \* Data compared to the previous version altered.**