# Safety data sheet
## according to 1907/2006/EC and 2015/830/EC

*Printing date 05.04.2018* *Version number 2* *Revision: 05.04.2018*

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

· **1.1 Product identifier**

· **Trade name: K2 PERFECT LETAN CLEANER**
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** Cleans and restores leather

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Melle Sp. z o. o.
Stary Staw 9
63-400 OSTRÓW WLKP.
POLAND

· **Further information obtainable from:**
Product safety department.
zakupy@inter-global.com.pl
· **1.4 Emergency telephone number:** During normal opening times: 0048/62 735 16 00

## SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.

· **2.2 Label elements**
Contains: nonionic surfactants (<5%), fragrance, methylchloroisothiazolinone, methylisothiazolinone, 2-bromo-2-nitropropane-1,3-diol.
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
· **Hazard pictograms** Void
· **Signal word** Void
· **Hazard statements** Void
· **Precautionary statements** P102 Keep out of reach of children.
· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

* 
## SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**
· **Description:** Mixture: consisting of the following components.

| · **Dangerous components:** | | | |
|---|---|---|---|
| CAS: 64-17-5<br>EINECS: 200-578-6<br>Reg.nr.: 01-2119457610-43-XXXX | ethanol | Flam. Liq. 2, H225; Eye Irrit. 2, H319 | <10% |

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



(Contd. on page 2)

# Safety data sheet
**according to 1907/2006/EC and 2015/830/EC**

*Printing date 05.04.2018* *Version number 2* *Revision: 05.04.2018*

***Trade name: K2 PERFECT LETAN CLEANER***

(Contd. of page 1)

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
No special measures required.
Take affected persons out into the fresh air.
· **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.
· **After swallowing:** If symptoms persist consult doctor.
· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
· **5.3 Advice for firefighters**
· **Protective equipment:** No special measures required.
· **Additional information** Cool endangered receptacles with water spray.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
· **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· **6.4 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.

## SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special measures required.
· **Information about fire - and explosion protection:** No special measures required.

· **7.2 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:** None.

(Contd. on page 3)

# Safety data sheet
**according to 1907/2006/EC and 2015/830/EC**

*Printing date 05.04.2018* *Version number 2* *Revision: 05.04.2018*

***Trade name: K2 PERFECT LETAN CLEANER***

(Contd. of page 2)

· ***7.3 Specific end use(s)*** *No further relevant information available.*

* 
## *SECTION 8: Exposure controls/personal protection*

· ***Additional information about design of technical facilities:*** *No further data; see item 7.*

· ***8.1 Control parameters***

| · ***Ingredients with limit values that require monitoring at the workplace:*** | |
|---|---|
| ***64-17-5 ethanol*** | |
| *WEL* | *Long-term value: 1920 mg/m³, 1000 ppm* |

· ***Additional information:*** *The lists valid during the making were used as basis.*

· ***8.2 Exposure controls***
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
*The usual precautionary measures are to be adhered to when handling chemicals.*
· ***Respiratory protection:*** *Not required.*
· ***Protection of hands:***
*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*
*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*
*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*
· ***Material of gloves***
*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:*** *Goggles recommended during refilling*

* 
## *SECTION 9: Physical and chemical properties*

· ***9.1 Information on basic physical and chemical properties***
· ***General Information***
· ***Appearance:***

| | |
|---|---|
| ***Form:*** | *Pasty* |
| ***Colour:*** | *White* |
| · ***Odour:*** | *Characteristic* |
| · ***Odour threshold:*** | *Not determined.* |
| · ***pH-value at 20 °C:*** | *7* |
| · ***Change in condition*** | |
| ***Melting point/freezing point:*** | *Undetermined.* |
| ***Initial boiling point and boiling range:*** | *Undetermined.* |
| · ***Flash point:*** | *Not applicable.* |

(Contd. on page 4)

# Safety data sheet
## according to 1907/2006/EC and 2015/830/EC

*Printing date 05.04.2018* *Version number 2* *Revision: 05.04.2018*

***Trade name: K2 PERFECT LETAN CLEANER***

(Contd. of page 3)

| | |
|---|---|
| · **Flammability (solid, gas):** | Not applicable. |
| · **Ignition temperature:** | |
| **Decomposition temperature:** | Not determined. |
| · **Auto-ignition temperature:** | Product is not selfigniting. |
| · **Explosive properties:** | Product does not present an explosion hazard. |
| · **Explosion limits:** | |
| **Lower:** | Not determined. |
| **Upper:** | Not determined. |
| · **Vapour pressure:** | Not determined. |
| · **Density:** | Not determined. |
| · **Relative density** | Not determined. |
| · **Vapour 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. |
| · **9.2 Other information** | No further relevant information available. |

## SECTION 10: Stability and reactivity

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

* 
## SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.

| · **LD/LC50 values relevant for classification:** | | |
|---|---|---|
| **64-17-5 ethanol** | | |
| Oral | LD50 | 7,060 mg/kg (rat) |
| Inhalative | LC50/4 h | 20,000 mg/l (rat) |

· **Primary irritant effect:**
· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation** Based on available data, the classification criteria are not met.

(Contd. on page 5)

# Safety data sheet
## according to 1907/2006/EC and 2015/830/EC

*Printing date 05.04.2018* *Version number 2* *Revision: 05.04.2018*

***Trade name: K2 PERFECT LETAN CLEANER***

(Contd. of page 4)

· ***Respiratory or skin sensitisation*** *Based on available data, the classification criteria are not met.*
· ***CMR effects (carcinogenity, mutagenicity and toxicity 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.*

## SECTION 12: Ecological information

· ***12.1 Toxicity***
· ***Aquatic toxicity:*** *No further relevant information available.*
· ***12.2 Persistence and degradability*** *Easily biodegradable*
· ***12.3 Bioaccumulative potential*** *No further relevant information available.*
· ***12.4 Mobility in soil*** *No further relevant information available.*
· ***Additional ecological information:***
· ***General notes:***
*Water hazard class 1 (German Regulation) (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.*
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable.*
· ***vPvB:*** *Not applicable.*
· ***12.6 Other adverse effects*** *No further relevant information available.*

## SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation*** *Smaller quantities can be disposed of with household waste.*

· ***Uncleaned packaging:***
· ***Recommendation:*** *Disposal must be made according to official regulations.*
· ***Recommended cleansing agents:*** *Water, if necessary together with cleansing agents.*

## SECTION 14: Transport information

| | |
|---|---|
| · ***14.1 UN-Number*** | |
| · ***ADR, ADN, IMDG, IATA*** | *Void* |
| · ***14.2 UN proper shipping name*** | |
| · ***ADR, ADN, IMDG, IATA*** | *Void* |
| · ***14.3 Transport hazard class(es)*** | |
| · ***ADR, ADN, IMDG, IATA*** | |
| · ***Class*** | *Void* |
| · ***14.4 Packing group*** | |
| · ***ADR, IMDG, IATA*** | *Void* |

(Contd. on page 6)

# Safety data sheet
## according to 1907/2006/EC and 2015/830/EC

*Printing date 05.04.2018* *Version number 2* *Revision: 05.04.2018*

***Trade name: K2 PERFECT LETAN CLEANER***

(Contd. of page 5)

| | |
|---|---|
| · ***14.5 Environmental hazards:*** | |
| · ***Marine pollutant:*** | *No* |
| · ***14.6 Special precautions for user*** | *Not applicable.* |
| · ***14.7 Transport in bulk according to Annex II of Marpol and the IBC Code*** | *Not applicable.* |
| · ***UN "Model Regulation":*** | *Void* |

* 
## SECTION 15: Regulatory information

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

· ***Directive 2012/18/EU***
· ***Named dangerous substances - ANNEX I*** *None of the ingredients is listed.*

· ***National regulations:***
*1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation,*
*Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC*

*2. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006*
· ***15.2 Chemical safety assessment:*** *A Chemical Safety Assessment has not been carried out.*

* 
## SECTION 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***
*H225 Highly flammable liquid and vapour.*
*H319 Causes serious eye irritation.*

· ***Department issuing SDS:*** *Product safety department.*
· ***Contact:*** *Mrs. Wozniak*
· ***Abbreviations and acronyms:***
*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 Harmonised 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 (division of the American Chemical Society)*
*VOC: Volatile Organic Compounds (USA, EU)*
*LC50: Lethal concentration, 50 percent*
*LD50: Lethal dose, 50 percent*
*PBT: Persistent, Bioaccumulative and Toxic*
*vPvB: very Persistent and very Bioaccumulative*

(Contd. on page 7)

# Safety data sheet
## according to 1907/2006/EC and 2015/830/EC

*Printing date 05.04.2018* *Version number 2* *Revision: 05.04.2018*

***Trade name: K2 PERFECT LETAN CLEANER***

(Contd. of page 6)

*Flam. Liq. 2: Flammable liquids – Category 2*
*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

· **** Data compared to the previous version altered.***
*The section that were changed since the last version are marked with an asterisk on the left section number*