

## Safety Data Sheet

*acc. to OSHA HCS*

Printing date 02/21/2018

Reviewed on 02/21/2018

### 1 Identification

#### Product identifier

**Trade name:** **6611 Paint Remover Gel**

**Application of the substance / the mixture** Cleaning agent/ Cleaner

#### Details of the supplier of the safety data sheet

**Manufacturer/Supplier:** Osmo Holz und Color GmbH & Co. KG  
 Affhüppen Esch 12  
 D-48231 Warendorf  
 Germany

**Information department:** Product safety department  
 Phone: +49 (0) 251 / 692 - 188  
 Fax: +49 (0) 251 / 692 - 462  
 e-mail: helmut.starp@osmo.de

**Emergency telephone number:** 24h-Emergency Phone Number:  
 For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call Day or Night within USA and Canada 1-800-424-9300  
 Outside USA and Canada 001-703-527-3887 (WISAG FMO cargo Services GmbH & Co.KG)

### 2 Hazard(s) identification

#### Classification of the substance or mixture

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

#### Label elements

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

#### Hazard pictograms



GHS07

#### Signal word

Warning

#### Hazard statements

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

#### Precautionary statements

Keep out of reach of children.  
 If medical advice is needed, have product container or label at hand.  
 P261 Avoid breathing mist/vapours/spray.  
 P264 Wash thoroughly after handling.  
 P280 Wear protective gloves / eye protection.  
 P302+P352 If on skin: Wash with plenty of water.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P362+P364 Take off contaminated clothing and wash it before reuse.

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**5 Fire-fighting measures**

**Extinguishing media**

**Suitable extinguishing agents:** Use fire fighting measures that suit the environment.  
Water haze  
Foam  
Carbon dioxide

**For safety reasons unsuitable**

**extinguishing agents:** For this mixture there are no extinguishing agent restrictions.

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

No further relevant information available.

**Advice for firefighters**

Concentrated product is not flammable.

**Protective equipment:**

Wear self-contained respiratory protective device.

**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation  
Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

**Methods and material for**

**containment and cleaning up:**

Warm water and cleansing agent  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Use neutralizing agent.  
Dispose contaminated material as waste according to item 13.

**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**

<b>PAC-1:</b>		
1310-73-2	sodium hydroxide	0.5 mg/m <sup>3</sup>
1310-58-3	potassium hydroxide	0.18 mg/m <sup>3</sup>
<b>PAC-2:</b>		
1310-73-2	sodium hydroxide	5 mg/m <sup>3</sup>
1310-58-3	potassium hydroxide	2 mg/m <sup>3</sup>
<b>PAC-3:</b>		
1310-73-2	sodium hydroxide	50 mg/m <sup>3</sup>

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1310-58-3	potassium hydroxide	54 mg/m <sup>3</sup>
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**7 Handling and storage**

**Handling:**

**Precautions for safe handling**      Keep receptacles tightly sealed.  
Use only in well ventilated areas.  
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:**      Unsuitable container material: tin or zinc container.  
Store only in the original receptacle.

**Information about storage in one common storage facility:**      Do not store together with acids.

**Further information about storage conditions:**      Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from frost.

**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 constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

<b>1310-73-2 sodium hydroxide</b>	
PEL	Long-term value: 2 mg/m <sup>3</sup>
REL	Ceiling limit value: 2 mg/m <sup>3</sup>
TLV	Ceiling limit value: 2 mg/m <sup>3</sup>
<b>1310-58-3 potassium hydroxide</b>	
REL	Ceiling limit value: 2 mg/m <sup>3</sup>
TLV	Ceiling limit value: 2 mg/m <sup>3</sup>

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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:**

Do not carry product impregnated cleaning cloths in trouser pockets.  
Wash hands before breaks and at the end of work.  
Do not eat, drink, smoke or sniff while working.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
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.

Not necessary if room is well-ventilated.

**Protection of hands:**

Protective gloves

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**

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 breakthrough time must be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6)

Recommended thickness of the material:  $\geq 0.4$  mm

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

**For the permanent contact gloves****made of the following materials****are suitable:**

chemical resistant gloves (EN 374)

Neoprene gloves

Natural rubber, NR

PVC gloves

Butyl rubber, BR

Nitrile rubber, NBR

**Eye protection:**

If risk of splashing:

Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection)

**Body protection:**

When transferring or diluting: plastic apron

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**9 Physical and chemical properties****Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	Pale
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not determined.

**pH-value at 20 °C (68 °F):** 11.4**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	100 °C (212 °F)

**Flash point:** Not applicable.**Flammability (solid, gaseous):** Not applicable.**Decomposition temperature:** Not determined.**Auto igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapor pressure at 20 °C (68 °F):** 23 hPa (17.3 mm Hg)**Density:** Not determined.**Relative density** Not determined.**Evaporation rate** Not determined.**Solubility in / Miscibility with****Water:** Not miscible or difficult to mix.**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:**

<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	> 30 s (ISO 3mm)

**Solvent content:****VOC content:** 0.0 g/l / 0.00 lb/gl**Other information** No further relevant information available.

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### 10 Stability and reactivity

<b>Reactivity</b>	Exothermic dissolution process with water.
<b>Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>Possibility of hazardous reactions</b>	Strong exothermic reaction with acids.
<b>Conditions to avoid</b>	Heating above 80 ° C, frost
<b>Incompatible materials:</b>	Caution! Do not use with other products.
<b>Hazardous decomposition products:</b>	Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

### 11 Toxicological information

#### Information on toxicological effects

##### Acute toxicity:

##### LD/LC50 values that are relevant for classification:

<b>1310-73-2 sodium hydroxide</b>		
Oral	LD50	2,000 mg/kg (rat)
<b>1310-58-3 potassium hydroxide</b>		
Oral	LD50	273 mg/kg (rat)

##### Primary irritant effect:

**on the skin:** Strong caustic effect on skin and mucous membranes.

**on the eye:** Strong caustic effect.

**Sensitization:** No sensitizing effects known.

##### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

##### Carcinogenic categories

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

None of the ingredients is listed.

#### NTP (National Toxicology Program)

None of the ingredients is listed.

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**OSHA-Ca (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.

**Ecotoxicological effects:**

**Remark:** In dilution no effect of the biological sewage treatment plant.

**Additional ecological information:**

**AOX-indication:** free

**General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water  
Must not reach bodies of water or drainage ditch undiluted or unneutralized.  
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

**13 Disposal considerations**

**Waste treatment methods**

**Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:** Packaging can be reused or recycled after cleaning.

**14 Transport information**

**UN-Number**

**DOT, ADR, ADN, IMDG, IATA** Void

**UN proper shipping name**

**DOT, ADR, ADN, IMDG, IATA** Void

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<b>Transport hazard class(es)</b> <i>DOT, ADR, ADN, IMDG, IATA</i> Class	Void
<b>Packing group</b> <i>DOT, ADR, IMDG, IATA</i>	Void
<b>Environmental hazards:</b> <i>Marine pollutant:</i>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**15 Regulatory information***Safety, health and environmental regulations/legislation specific for the substance or mixture**Sara***Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**Proposition 65****Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenicity categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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#### TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

#### NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

#### GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

#### Hazard pictograms



GHS07

#### Signal word

Warning

#### Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

#### Precautionary statements

P261 Avoid breathing mist/vapours/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection.

P302+P352 If on skin: Wash with plenty of water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

#### 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.

**Department issuing SDS:** product safety department

**Contact:** Hr. Dr. Starp

**Date of preparation / last revision** 02/21/2018 / -

**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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

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OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

US