



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.01.2017

Version number 1

Revision: 13.01.2017

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

- 1.1 Product identifier
- Trade name **Winol Inox Paste**
- 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 **Cleaning agent / Cleaner**
- 1.3 Details of the supplier of the safety data sheet
- **Manufacturer/Supplier:**
Winkel GmbH
Lisztstraße 1
D-53881 Euskirchen
Tel.: +49 2251/7769400
Fax: +49 2251/7769402
www.winkelgroup.de
- **Informing department:** Product safety department
- 1.4 **Emergency telephone number:**

Tel. 00 49 2251/7769400 -

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.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC void**
- **Information concerning particular hazards for human and environment:**
According to data we have to hand this product is no hazardous material according to the spirit of EC directives or the German decree regarding hazardous materials in the latest valid version.
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- 2.2 **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008 Void**
- **Hazard pictograms Void**
- **Signal word Void**
- **Hazard statements Void**
- 2.3 **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT: Not applicable.**
- **vPvB: Not applicable.**

Section 3: Composition/information on ingredients

- 3.2 **Mixtures**
- **Description:** Mixture of the substances listed below with harmless additions
- **Dangerous components:** Void
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

soap	5 - 15%
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perfumes

< 5%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

Section 4: First aid measures

- **4.1 Description of first aid measures**
- **General advice:** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**
In general the product does not cause skin irritation.
Wash with soap and water.
- **After eye contact**
Rinse opened eye for 15 minutes under running water.
In case of persistent symptoms consult doctor.
- **After swallowing**
Rinse out mouth and then drink plenty of water.
Seek medical treatment.
- **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**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Thermal decomposition can lead to release of irritating gases and vapours
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained breathing apparatus.
See section 8.
- **Additional information** Endangered containers in the surrounding area should be cooled with a water-hose.

Section 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**
Contaminated material has to be disposed as waste (see item 13).
- **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 information on disposal.

Section 7: Handling and storage

- **7.1 Precautions for safe handling** The usual good standards of industrial hygiene should be maintained.

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- Information about protection against explosions and fires: Pay attention to general rules of internal fire prevention.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage Keep containers tightly closed. Store in cool, dry conditions.
- Requirements to be met by storerooms and containers: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- 7.3 Specific end use(s) No further relevant information available.

Section 8: Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters

- Components with critical values that require monitoring at the workplace:

1344-28-1 aluminium oxide (50-100%)WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust**56-81-5 glycerol (< 2.5%)**WEL Long-term value: 10 mg/m³

- Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls**Personal protective equipment****General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

- Breathing equipment: Not required.

Protection of hands:

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

- Eye protection: Safety glasses recommended during refilling.

Body protection:

Standard protective clothing. Chemical resistant safety-shoes or boots. If skin contact is possible, wear impenetrable protective clothing against this solvent.

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Section 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties	
- General Information	
- Appearance:	
Form:	Solid.
Colour:	White
- Smell:	perfumed
- Odour threshold:	Not determined.
- pH-value:	not applicable
- Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
- Flash point:	Product is non-flammable nor potentially explosive
- Inflammability (solid, gaseous)	Not applicable.
- Ignition temperature:	
Decomposition temperature:	Not determined.
- Self-inflammability:	Product is not selfigniting.
- Danger of explosion:	Product is not potentially explosive
- Critical values for explosion:	
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:	Not miscible or difficult to mix
- 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
- 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.

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- 10.6 Hazardous decomposition products:

Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

Section 11: Toxicological information**- 11.1 Information on toxicological effects****- Acute toxicity:****- Primary irritant effect:**

- on the skin: No irritant effect.

- on the eye: At prolonged contact with product a slight irritation might be possible.

- Sensitization: No sensitizing effect known.

- Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information we have to hand.

Section 12: Ecological information**- 12.1 Toxicity**

- Aquatic toxicity: No further relevant information available.

- 12.2 Persistence and degradability No further relevant information available.

- 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 (Self-assessment): slightly hazardous for water.

- 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**

A used product should be recycled or used in other contexts, otherwise be handed over to an appropriate disposal site.

- Waste disposal key number:

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

- Uncleaned packagings: Disposal must be made according to official regulations.

- Recommendation:

After complete emptying and cleaning, send to be reconditioned or recycled.

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.

Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

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Section 14: Transport information

- 14.1 UN-Number - ADR, IMDG, IATA	Void
- 14.2 UN proper shipping name - ADR, IMDG, IATA	Void
- 14.3 Transport hazard class(es) - ADR, IMDG, IATA - Class	Void
- 14.4 Packing group - ADR, IMDG, IATA	Void
- 14.5 Environmental hazards: - Marine pollutant:	Not applicable. No
- 14.6 Special precautions for user	Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
- Transport/Additional information:	Not dangerous according to the above specifications.
- UN "Model Regulation":	-

Section 15: Regulatory information

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

- National regulations

- Technical instructions (air):

Class	Share in %
NK	< 2,5

- Water hazard class:

Water hazard class 1 (self assessment according to German VwVwS (Regulations for water-hazardous substances):
slightly hazardous for water.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing data specification sheet: see item 1: Informing department

- Abbreviations and acronyms:

LEV Local Exhaust Ventilation

RPE Respiratory Protective Equipment

RCR Risk Characterisation Ratio (RCR=PEC/PNEC)

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

CLP Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

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)

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