

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name UNV43661 Dry Erase Spray Cleaner, 8oz Spray Bottle

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Wipes, Disinfecting

Uses advised against No information available

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

Supplier Name Kleinmann GmbH

Supplier Address Am Trieb 13  
Sonnnbuehl  
Baden-Wuerttemberg  
72820  
DE

Supplier Phone Number Phone:0049712892920

Supplier Email kunz@kleinmann.net

### Emergency telephone number

Company Emergency Phone Number 00497128929281

## 2. HAZARDS IDENTIFICATION

### Classification


This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                    |            |
|--------------------|------------|
| Skin sensitization | Category 1 |
|--------------------|------------|



**GHS Label elements, including precautionary statements**

**Emergency Overview**

|                                                                                   |                                     |                       |                   |
|-----------------------------------------------------------------------------------|-------------------------------------|-----------------------|-------------------|
| <b>Signal word</b>                                                                | <b>Warning</b>                      |                       |                   |
| <b>Hazard Statements</b>                                                          | May cause an allergic skin reaction |                       |                   |
|  |                                     |                       |                   |
| <b>Appearance</b>                                                                 | Clear to slightly hazy, yellow      | <b>Physical state</b> | Pump Spray Liquid |
|                                                                                   |                                     | <b>Odor</b>           | Neutral           |

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Harmful to aquatic life with long lasting effects  
 Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Interactions with Other Chemicals**



No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name         | CAS No      | Weight-% | Trade Secret |
|-----------------------|-------------|----------|--------------|
| Supplier Trade Secret | Proprietary | 1 - 5    | *            |
| Supplier Trade Secret | Proprietary | 0.1 - 1  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**

**First aid measures**

**General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin contact**

Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**

Remove to fresh air.

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects**

Itching. Rashes. Hives.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

May cause sensitization of susceptible persons. Treat symptomatically.



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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Uniform Fire Code**                      Sensitizer: Liquid

### Hazardous Combustion Products

Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact**      No.

**Sensitivity to Static Discharge**        No.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions**              Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment**                  Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**                  Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Products** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

| Chemical Name         | ACGIH TLV      | OSHA PEL                                                                                                         | NIOSH IDLH                                                             |
|-----------------------|----------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Supplier Trade Secret | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm 10% LEL<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup> |

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

**Physical state** Pump Spray, Liquid



|                   |                                |                       |                          |
|-------------------|--------------------------------|-----------------------|--------------------------|
| <b>Appearance</b> | Clear to slightly hazy, yellow | <b>Odor</b>           | Neutral                  |
| <b>Color</b>      | No information available       | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>     | <u>Remarks</u> | <u>Method</u> |
|----------------------------------------|-------------------|----------------|---------------|
| pH                                     | 9                 | None known     |               |
| Melting / freezing point               | No data available | None known     |               |
| Boiling point / boiling range          | No data available | None known     |               |
| Flash Point                            | No data available | None known     |               |
| Evaporation Rate                       | No data available | None known     |               |
| Flammability (solid, gas)              | No data available | None known     |               |
| Flammability Limit in Air              |                   |                |               |
| Upper flammability limit               | No data available |                |               |
| Lower flammability limit               | No data available |                |               |
| Vapor pressure                         | No data available | None known     |               |
| Vapor density                          | No data available | None known     |               |
| Specific Gravity                       | 1                 | None known     |               |
| Water Solubility                       | Easily soluble    | None known     |               |
| Solubility in other solvents           | No data available | None known     |               |
| Partition coefficient: n-octanol/water | No data available | None known     |               |
| Autoignition temperature               | No data available | None known     |               |
| Decomposition temperature              | No data available | None known     |               |
| Kinematic viscosity                    | No data available | None known     |               |
| Dynamic viscosity                      | No data available | None known     |               |
| Explosive properties                   | No data available |                |               |
| Oxidizing properties                   | No data available |                |               |

**Other Information**

|                            |                   |
|----------------------------|-------------------|
| Softening Point            | No data available |
| VOC Content (%)            | No data available |
| Particle Size              | No data available |
| Particle Size Distribution |                   |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available.  
**Eye contact** Specific test data for the substance or mixture is not available.  
**Skin contact** Specific test data for the substance or mixture is not available.  
**Ingestion** Specific test data for the substance or mixture is not available.

**Component Information**

| Chemical Name         | Oral LD50 | Dermal LD50 | Inhalation LC50          |
|-----------------------|-----------|-------------|--------------------------|
| Supplier Trade Secret | -         | -           | = 124.7 mg/L ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** Itching. Rashes. Hives.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause sensitization by skin contact.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. The listed substance(s) has been shown to be carcinogenic in long-term studies only when consumed orally. This is not a relevant route of exposure for this product.

| Chemical Name         | ACGIH | IARC    | NTP | OSHA |
|-----------------------|-------|---------|-----|------|
| Supplier Trade Secret | A3    | Group 1 |     | X    |

*ACGIH (American Conference of Governmental Industrial Hygienists)  
 A3 - Animal Carcinogen  
 IARC (International Agency for Research on Cancer)  
 Group 1 - Carcinogenic to Humans  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 X - Present*

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** Contains a known or suspected carcinogen. The listed substance(s) has been shown to be carcinogenic and toxic to reproduction in long-term studies only when consumed orally. This is not a relevant route of exposure for this product.

**Target Organ Effects** Skin.

**Aspiration Hazard** No information available.



**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (inhalation-dust/mist)**  
 12,470.00 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical Name         | Toxicity to Algae | Toxicity to Fish                                                                                                                               | Toxicity to Microorganisms                          | Daphnia Magna (Water Flea)                                            |
|-----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------|
| Supplier Trade Secret |                   | 96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: 13400 - 15100 mg/L (Pimephales promelas) 96h LC50: 12.0 - 16.0 mL/L (Oncorhynchus mykiss) | EC50 = 34634 mg/L 30 min<br>EC50 = 35470 mg/L 5 min | 48h LC50: 9268 - 14221 mg/L 48h EC50: = 2 mg/L 24h EC50: = 10800 mg/L |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

| Chemical Name         | Log Pow |
|-----------------------|---------|
| Supplier Trade Secret | -0.32   |

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name         | California Hazardous Waste |
|-----------------------|----------------------------|
| Supplier Trade Secret | Toxic<br>Ignitable         |





**14. TRANSPORT INFORMATION**

|                             |               |
|-----------------------------|---------------|
| <b><u>DOT</u></b>           | NOT REGULATED |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |
| <br>                        |               |
| <b><u>TDG</u></b>           | Not regulated |
| <br>                        |               |
| <b><u>MEX</u></b>           | Not regulated |
| <br>                        |               |
| <b><u>ICAO</u></b>          | Not regulated |
| <br>                        |               |
| <b><u>IATA</u></b>          | Not regulated |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |
| <br>                        |               |
| <b><u>IMDG/IMO</u></b>      | Not regulated |
| <b>Hazard Class</b>         | N/A           |
| <br>                        |               |
| <b><u>RID</u></b>           | Not regulated |
| <br>                        |               |
| <b><u>ADR</u></b>           | Not regulated |
| <br>                        |               |
| <b><u>ADN</u></b>           | Not regulated |

**15. REGULATORY INFORMATION**

**International Inventories**

|      |                                                      |
|------|------------------------------------------------------|
| TSCA | Complies                                             |
| DSL  | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                          |     |
|------------------------------------------|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive



Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical Name           | California Proposition 65   |
|-------------------------|-----------------------------|
| Supplier Trade Secret - | Carcinogen<br>Developmental |

**U.S. State Right-to-Know Regulations**

| Chemical Name         | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|-----------------------|------------|---------------|--------------|--------------|----------|
| Supplier Trade Secret |            | X             |              |              |          |

**International Regulations**

**Mexico**

**National occupational exposure limits**

| Component                          | Carcinogen Status | Exposure Limits                                              |
|------------------------------------|-------------------|--------------------------------------------------------------|
| Supplier Trade Secret<br>( 1 - 5 ) |                   | Mexico: TWA= 1900 mg/m <sup>3</sup><br>Mexico: TWA= 1000 ppm |

Mexico - Occupational Exposure Limits - Carcinogens

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

|             |                         |                       |                          |                                                                     |
|-------------|-------------------------|-----------------------|--------------------------|---------------------------------------------------------------------|
| <b>NFPA</b> | <b>Health Hazards</b> 2 | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and Chemical Hazards -<br/>Personal Protection</b><br>X |
| <b>HMIS</b> | <b>Health Hazards</b> 2 | <b>Flammability</b> 0 | <b>Physical Hazard</b> 0 |                                                                     |

**Prepared By** Product Stewardship  
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**Revision Note** No information available

**Disclaimer**

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**End of Safety Data Sheet**



