Trade name: Valley View Window Cleaner, Ready to Use

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

- **1.1 Product identifier**
  - **Trade name:** Valley View Window Cleaner, Ready to Use   ST-0027
  - **Article number:** WL63

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - No further relevant information available.

- **1.3 Details of the supplier of the Safety Data Sheet**
  - Stearns Packaging Corporation
  - 4200 Sycamore Avenue (53714)
  - PO Box 3216
  - Madison, WI 53704-0216
  - Phone: 800-655-5008
  - Email: stearns@stearnspkg.com
  - Website: www.stearnspkg.com

- **1.4 Emergency telephone number:**
  - ChemTel Inc.
  - (800)255-3924, +1 (813)248-0585

### 2 Hazards identification

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**
    - GHS07
    - Eye Irrit. 2A  H319 Causes serious eye irritation.
    - Skin Irrit. 2  H315 Causes skin irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
  - Xi; Irritant
  - R36/38: Irritating to eyes and skin

- **Information concerning particular hazards for human and environment:**
  - The product has to be labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

(Contd. on page 2)
**Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

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**2.2 Label elements**

**Labeling according to Regulation (EC) No 1272/2008**
The product is classified and labeled according to the CLP regulation.

**Hazard pictograms**

GHS07

**Signal word** Warning

**Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.

**Precautionary statements**
P280 Wear protective gloves / eye protection.
P264 Wash hands thoroughly after handling.
P305+P351+P337+P338+P313: If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.
P302+P352+P362+P364+P332+P313: If ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

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**3 Composition/information on ingredients**

**3.2 Mixtures**

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

| CAS: 67-63-0 | isopropyl alcohol, 99% anhydrous | <3% |
| EINECS: 200-661-7 | ☒ Xn R36/38 ☒ Xi R11 ☒ Xi R67 | Flam. Liq. 2, H225; Eye Irrit. 2A, H319, STOT-SE 3, H335, H336 |

| CAS: 111-76-2 | 2-Butoxyethanol, EB Solvent | <2% |
| EINECS: 905-0 | ☒ Xi R67 ☒ R10 | Flam. Liq. 4, H227; Eye Irrit. 2A, H319; Skin Irrit. 2, H315; Acute Toxicity, inhalation, dermal, oral, 4, H332, H302, H312 |

| CAS: 1336-21-6 | ammonium hydroxide | <1% |
| ☒ Xn R36/37/38, R22 | Skin Corr. 1C, H314, Eye Dam. 1, H318; Acute Tox, Oral, 4, H302, STOT-SE 3, H335 |

**Additional information:** For the wording of the listed risk phrases refer to section 16.
4 First-aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
  - Immediately rinse with water.
  - If skin irritation continues, consult a doctor.
- **After eye contact:**
  - Remove contact lenses if worn.
  - Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
  - Rinse out mouth and then drink plenty of water.
  - Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**
  - Cramp
  - Nausea
  - Thirst
  - Coughing
  - Allergic reactions
- **Hazards** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
  - Treat skin and mucous membrane with antihistamine and corticoid preparations.
  - In cases of irritation to the lungs, initial treatment with cortical steroid inhalants.
  - Medical supervision for at least 48 hours.
  - If swallowed, gastric irrigation.

5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
  - CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.
- **Additional information** No further relevant information available.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation
  - Product forms slippery surface when combined with water.
- **6.2 Environmental precautions:**
  - Dilute with plenty of water.
  - Do not allow to enter sewers/ surface or ground water.
7 Handling and storage

7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

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: Store away from foodstuffs.

Further information about storage conditions:
Keep container tightly sealed.
Protect from freezing.

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

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:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at
the workplace.
DNELs No further relevant information available.
PNECs No further relevant information available.
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.
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 and skin.
Respiratory protection:
Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when high concentrations are present.
9 Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• General Information

• Appearance:
  • Form: Liquid
  • Color: Clear blue
  • Odor: butyl and ammonia odor
  • Odor threshold: Not determined.

• pH-value at 20 °C:
  10.8 ± 0.5 for concentrate

• Change in condition
  • Melting point/Melting range: Undetermined.
  • Boiling point/Boiling range: >212 °F / >100 °C

• Flash point:
  >212 °F / >100 °C

• Flammability (solid, gaseous):
  Not determined.

• Ignition temperature:
  Not determined.
10 Stability and reactivity

- **10.1 Reactivity** Not determined.
- **10.2 Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**
    No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
  Toxic fumes may be released if heated above the decomposition point.
  Reacts with strong acids and alkali.
  Reacts with strong oxidizing agents.
- **10.5 Incompatible materials:** Strong oxidizing agents.
- **10.6 Hazardous decomposition products:**
  - Sulphur oxides (SOx)
  - Carbon monoxide and carbon dioxide
11 Toxicological information

• 11.1 Information on toxicological effects
  • Acute toxicity:

<table>
<thead>
<tr>
<th>Product ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>Oral LD50</td>
<td>Rat</td>
<td>5,840 mg/kg</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>Oral LD50</td>
<td>Rat</td>
<td>350 mg/kg</td>
</tr>
<tr>
<td>2-Butoxyethanol, EB Solvent</td>
<td>Oral LD50</td>
<td>Rat</td>
<td>1746 mg/kg</td>
</tr>
</tbody>
</table>

• Primary irritant effect:
  • on the skin: Corrosive to skin and mucous membranes.
  • on the eye: Corrosive effect.

• Sensitization: No sensitizing effects known.

• Additional toxicological information:
  The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
  Irritant

12 Ecological information

• 12.1 Toxicity
  • Aquatic toxicity: The product contains materials that are harmful to the environment.
  • 12.2 Persistence and degradability The product is 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:
    This statement was deduced from the properties of the single components.
    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.
    Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

• 12.5 Results of PBT and vPvB assessment
  • PBT: Not applicable.
  • vPvB: Not applicable.

13 Disposal considerations

• 13.1 Waste treatment methods
  • Recommendation
    Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
    Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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

(Contd. on page 8)
14 Transport information

<table>
<thead>
<tr>
<th>14.1 UN-Number</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT, ADR, ADN, IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>Cleaning Compounds, NOI, liquid.</td>
</tr>
<tr>
<td>DOT, ADR, ADN, IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td>N/A</td>
</tr>
<tr>
<td>Class</td>
<td>N/A</td>
</tr>
<tr>
<td>14.4 Packing group</td>
<td>N/A</td>
</tr>
<tr>
<td>DOT, ADR, IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td>14.5 Environmental hazards:</td>
<td></td>
</tr>
<tr>
<td>Marine pollutant:</td>
<td>No</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

15 Regulatory information

| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture |
| United States (USA) |
| SARA |
| Section 311-312 (hazardous classifications): |

<table>
<thead>
<tr>
<th>Substance</th>
<th>Health Hazard</th>
<th>Fire Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>immediate (acute) health hazard</td>
<td></td>
</tr>
<tr>
<td></td>
<td>delayed (chronic) health hazard</td>
<td></td>
</tr>
<tr>
<td></td>
<td>fire hazard</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>immediate (acute) health hazard</td>
<td></td>
</tr>
<tr>
<td></td>
<td>fire hazard</td>
<td></td>
</tr>
<tr>
<td>ammonium hydroxide</td>
<td>immediate (acute) health hazard</td>
<td></td>
</tr>
<tr>
<td></td>
<td>fire hazard</td>
<td></td>
</tr>
</tbody>
</table>

| Section 313 (Specific toxic chemical listings): |

<table>
<thead>
<tr>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol (ethylene glycol monobutyl ether) (glycol ether category)</td>
</tr>
</tbody>
</table>

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65 (California): None of the ingredients is listed.

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.
Trade name: Valley View Window Cleaner, Ready to Use

- 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.

- Carcinogenic Categories
  None of the ingredients is listed.

- EPA (Environmental Protection Agency)
  None of the ingredients is listed.

- IARC (International Agency for Research on Cancer)
  None of the ingredients is listed.

- 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.

- OSHA-Ca (Occupational Safety & Health Administration)
  None of the ingredients is listed.

- Canada
  • Canadian Domestic Substances List (DSL)
    All ingredients are listed.
  • Canadian Ingredient Disclosure list (limit 0.1%)
    None of the ingredients is listed.
  • Canadian Ingredient Disclosure list (limit 1%)
    111-76-2  2-Butoxyethanol

- 15.2 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
  H225  Highly flammable liquid and vapor
  H227  Combustible liquid.
  H302  Harmful if swallowed
  H312  Harmful in contact with skin
  H314  Causes severe skin burns and eye damage
  H315  Causes skin irritation.
  H318  Causes serious eye damage
  H319  Causes serious eye irritation
  H322  Harmful if inhaled
  H335  May cause respiratory irritation
  H336  May cause drowsiness or dizziness

(Contd. on page 10)
Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS HCS 2012

Trade name: Valley View Window Cleaner, Ready to Use

R36/38 Irritating to eyes and skin.
R10-67 Flammable liquid / Vapors may cause drowsiness and dizziness.
R11 Highly flammable
R37 Irritating to respiratory system
R22 Harmful if swallowed

SDS File Name: WL63 VV WINDOW CLEANER RTU SDS

• 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
  GHS: Globally Harmonized System of Classification and Labeling of Chemicals
  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)
  WHMIS: Workplace Hazardous Materials Information System (Canada)
  DNEL: Derived No-Effect Level (REACH)
  PNEC: Predicted No-Effect Concentration (REACH)
  LD50: Lethal dose, 50 percent

• Sources
SDS Prepared by:
JBE/JER

Revision: 10/12/2017

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