



Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Squeegee Clean

Revision: 11/1/2017

1. Identification

Product identifier**Product name:** Squeegee Clean**Product number:** SQC**Recommended use and restriction on use****Recommended use:** Cleaning agent / Cleaner**Restrictions on use:** No relevant information available.**Details of the supplier of the Safety Data Sheet**

Verax Chemical Company

20102 Broadway Ave

Snohomish, WA 98296

Tel: 360-668-2431

Emergency telephone number

USA: (800) 535-5053

International: +1 (352) 323-3500

2. Hazard(s) identification

Classification of the substance or mixture**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. Composition/information on ingredients

| Chemical Name | CAS No. | Weight % |
|------------------|-----------|----------|
| Ethanol | 64-17-5 | 1-10 |
| Ammonium Sulfate | 7783-20-2 | 1-10 |

Additional information:

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

4. First-aid measures

Description of first aid measures**After inhalation**

Remove to fresh air.

After skin contact

Wash off immediately with plenty of water for at least 15 minutes.

After eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

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After swallowing

Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Not determined.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media**Suitable extinguishing agents**

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

Unsuitable extinguishing agents: Not determined.

Special hazards arising from the substance or mixture

Not determined.

Advice for firefighters**Protective equipment:**

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

6. Accidental release measures

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

User personal protective equipment as required.

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for clean-up

Keep in suitable, closed containers for disposal.

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.

7. Handling and storage

Precautions for safe handling**Recommendations**



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Handle in accordance with good industrial hygiene and safety practice.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Requirements to be met by storerooms and receptacles

None.

Incompatible substances or mixtures

None known based on information supplied.

Specific end use(s): No relevant information available.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Chemical Name | CAS No. | Type | [ppm] | [mg/m ³] |
|---------------|---------|------|-------|----------------------|
| Ethanol | 64-17-5 | TWA | 1000 | 1900 |

US. ACGIH Threshold Limit Values

| Chemical Name | CAS No. | Type | [ppm] | [mg/m ³] |
|---------------|---------|------|-------|----------------------|
| Ethanol | 64-17-5 | STEL | 1000 | - |

US. NIOSH: Pocket Guide to Chemical Hazards

| Chemical Name | CAS No. | Type | [ppm] | [mg/m ³] |
|---------------|---------|----------|-----------|----------------------|
| Ethanol | 64-17-5 | IDLH/TWA | 3300/1000 | -/1900 |

Notation

PEL Permissible exposure limit.

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

IDLH Immediately Dangerous to Life or Health

Exposure controls

Appropriate engineering controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

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Eye/face protection

Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and body protection

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory protection

Refer to 29 CFR 1910.134 for respiratory protection requirements.

Limitation and supervision of exposure into the environment

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

Risk management measures No special requirements.

9 Physical and chemical properties

Information on physical and chemical properties

Appearance

| | |
|---|---|
| Form | Liquid |
| Color | Colorless |
| Odor | Alcohol |
| Odor threshold | Not determined |
| pH | 6 |
| Melting point/freezing point | 0°C (32°F) |
| Boiling point/boiling point range | 94.4°C (202°F) |
| Flash point | Not available |
| Auto-ignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Flammability (solid, gas) | Not determined |
| Upper/lower flammability or explosive limits | |
| Flammability limit – lower (%) | Not determined |
| Flammability limit – upper (%) | Not determined |
| Explosive limit – lower (%) | Not determined |
| Explosive limit – upper (%) | Not determined |
| Vapor Pressure at 20°C (68°F) | Not determined |
| Density at 20°C (68°F) | 0.975 g/cm ³ (8.137 lbs/gal) |
| Relative density | Not determined |
| Vapor density | Not determined |
| Evaporation rate | Not determined |
| Solubility(ies) | |
| Solubility (water) | Fully miscible |
| Partition coefficient (n-octanol/water) | Not determined |
| Viscosity | Not determined |
| Other information | No relevant information available |



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10 Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage, and transport

Chemical stability

The product is stable under normal conditions

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Keep out of reach of children.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11 Toxicological information

Information on likely routes of exposure

Product Information

Eye Contact: Avoid contact with eyes.

Skin Contact: Avoid contact with skin.

Inhalation: Do not inhale.

Ingestion: Do not ingest.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------|-------------------|-------------|---------------------|
| Ammonium Sulfate 107-98-2 | =2840 mg/kg (Rat) | - | - |
| Ethyl Alcohol 64-17-5 | =7060 mg/kg (Rat) | - | 124.7 mg/L (Rat) 4h |

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

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

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Carcinogenicity

Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage. Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------------|-------|---------|-------|------|
| Ethyl Alcohol 64-17-5 | A3 | Group 1 | Known | X |

Legend

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

STOT - single exposure

May cause drowsiness or dizziness.

Numerical measures of toxicity

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

ATEmix (oral) 24,729.00 mg/kg
 ATEmix (inhalation-dust/mist) 1,273.20 mg/L

12 Ecological information

Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Chemical Name | Endpoint Value | Species | Exposure time |
|-------------------------------|------------------------------------|---------------------|---------------|
| Ammonium Sulfate 7783-20-2 | 18 mg/L LC50 | Cyprinus carpio | 96 h |
| | 420 mg/L LC50 semi-static | Brachydanio rerio | 96 h |
| | 123-128 mg/L LC50 semi-static | Poecilia reticulata | 96 h |
| | 126 mg/L LC50 | Poecilia reticulata | 96 h |
| | 100 mg/L LC50 | Pimephales promelas | 96 h |
| | 250 mg/L LC50 | Brachydanio rerio | 96 h |
| | 460-1000 LC50 static | Leuciscus idus | 96 h |
| | 5.2-8.2 mg/L LC50 static | Oncorhynchus mykiss | 96 h |
| | 32.2-41.9 mg/L LC50 flow-through | Oncorhynchus mykiss | 96 h |
| | 480 mg/L LC50 flow-through | Brachydanio rerio | 96 h |
| Ethyl Alcohol 64-17-5 | 14 mg/L LC50 | Daphnia magna | 48 h |
| | 423 mg/L EC50 | Daphnia magna | 24 h |
| | 12-16 mL/L LC50 static | Oncorhynchus mykiss | 96 h |
| | 13400-15100 mg/L LC50 flow-through | Pimephales promelas | 96 h |
| | 100 mg/L LC50 static | Pimephales promelas | 96 h |

Persistence and degradability

Not determined.



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Bioaccumulative potential

Not determined.

Mobility in soil

| Chemical Name | Partition Coefficient |
|-------------------------------|-----------------------|
| Ammonium Sulfate 7783-20-2 | -5.1 |
| Ethyl Alcohol 64-17-5 | -0.32 |

Additional ecological information

General notes: None.**Other adverse effects:** Not determined.

13 Disposal considerations

Waste treatment methods

Disposal Recommendations

Smaller quantities can be disposed of with household waste.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packaging

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

California Hazardous Waste Status

| Chemical Name | California Hazardous Waste Status |
|--------------------|-----------------------------------|
| Ethanol 64-17-5 | Toxic Ignitable |

14 Transport information

DOT

Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

15 Regulatory information

International Inventories

All ingredients are listed or exempt from listing on Chemical Substance Inventory

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US Federal Regulations

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).

SARA 313

| Chemical Name | CAS No. | Weight-% | SARA 313 – Threshold Values % |
|------------------|-----------|----------|-------------------------------|
| Ammonium sulfate | 7783-20-2 | 1-10 | 1.0 |

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)

US State Regulations

California Proposition 65

| Chemical Name | California Proposition 65 |
|-------------------|---------------------------|
| Ethanol – 64-17-5 | Carcinogen Developmental |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------|------------|---------------|--------------|
| Ammonium sulfate 7783-20-2 | | X | X |
| Ethanol 64-17-5 | X | X | X |

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.

Date of Preparation / current revision: 11/1/2017 /

· Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers