



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Revitalizer® Cleaner & Protector Wipes  
**Other means of identification** None.  
**Recommended use** Cleaner for natural stone & tile surfaces.  
**Recommended restrictions** None known.  
**Manufacturer/Importer/Supplier/Distributor information**  
**Company Name** LATICRETE International  
**Address** 1 Laticrete Park, N  
Bethany, CT 06524  
**Telephone** (203)-393-0010  
**Contact person** Steve Fine  
**Website** www.laticrete.com  
**Emergency phone number** Call CHEMTREC day or night  
USA/Canada - 1.800.424.9300  
Mexico - 1.800.681.9531  
Outside USA/Canada  
1.703.527.3887

## 2. Hazard(s) identification

**Physical hazards** Flammable liquids Category 4  
**Health hazards** Not classified.  
**OSHA defined hazards** Not classified.

### Label elements

**Hazard symbol** None.  
**Signal word** Warning  
**Hazard statement** Combustible liquid.

### Precautionary statement

**Prevention** Keep away from flames and hot surfaces-No smoking. Wear protective gloves/protective clothing/eye protection/face protection.  
**Response** In case of fire: Use alcohol-resistant foam, carbon dioxide or dry powder for extinction.  
**Storage** Store in a well-ventilated place. Keep cool.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Hazard(s) not otherwise classified (HNOC)** None known.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name                  | CAS number | %   |
|--------------------------------|------------|-----|
| Dipropylene glycol butyl ether | 29911-28-2 | < 2 |
| Isopropyl alcohol              | 67-63-0    | < 2 |

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.  
**Skin contact** Wash skin with soap and water. Get medical attention if symptoms occur.  
**Eye contact** Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if symptoms persist.

|   |  |
|---|--|
| <b>Ingestion</b>  | Rinse mouth. Do not induce vomiting. Get medical attention if any discomfort continues.                          |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Symptoms include redness, itching and pain.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.   |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.  |
| <b>Specific hazards arising from the chemical</b>                    | By heating and fire, irritating vapors/gases may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.   |
| <b>Fire fighting equipment/instructions</b>                          | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. |
| <b>General fire hazards</b>  | The product is combustible, but not flammable.  |

## 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Wear appropriate protective equipment and clothing during clean-up. Keep away from sources of ignition - No smoking. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.  |
| <b>Methods and materials for containment and cleaning up</b>               | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. |
| <b>Environmental precautions</b>   | Environmental manager must be informed of all major releases.  |

## 7. Handling and storage

|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | Do not breathe mist or vapor. Do not get in eyes, on skin, on clothing. Use with adequate ventilation. The product is a combustible liquid. Take the necessary precautionary measures. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Keep container tightly closed. Store in a cool and well-ventilated place. Follow rules for combustible liquids.   |

## 8. Exposure controls/personal protection

### Occupational exposure limits

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

| Components                      | Type | Value     |
|---------------------------------|------|-----------|
| Isopropyl alcohol (CAS 67-63-0) | PEL  | 980 mg/m3 |
|                                 |      | 400 ppm   |

#### US. ACGIH Threshold Limit Values

| Components                      | Type | Value   |
|---------------------------------|------|---------|
| Isopropyl alcohol (CAS 67-63-0) | STEL | 400 ppm |
|                                 | TWA  | 200 ppm |

## US. NIOSH: Pocket Guide to Chemical Hazards

| Components                         | Type | Value                            |
|------------------------------------|------|----------------------------------|
| Isopropyl alcohol (CAS<br>67-63-0) | STEL | 1225 mg/m <sup>3</sup>           |
|                                    | TWA  | 500 ppm                          |
|                                    |      | 980 mg/m <sup>3</sup><br>400 ppm |

### Biological limit values

#### ACGIH Biological Exposure Indices

| Components                         | Value   | Determinant | Specimen | Sampling Time |
|------------------------------------|---------|-------------|----------|---------------|
| Isopropyl alcohol (CAS<br>67-63-0) | 40 mg/l | Acetone     | Urine    | *             |

\* - For sampling details, please see the source document.

#### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide adequate ventilation and minimize the risk of inhalation of vapors.

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

**Eye/face protection** Risk of contact: Wear approved safety glasses or goggles.

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves. Rubber gloves are recommended.

**Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

#### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

|   |                            |
|---|----------------------------|
| <b>Appearance</b>                                   | Liquid saturated on wipe.  |
| <b>Physical state</b>                               | Liquid.                    |
| <b>Form</b>   | Liquid.                    |
| <b>Color</b>  | Clear.                     |
| <b>Odor</b>   | Mild sweet odor.           |
| <b>Odor threshold</b>                               | Not available.             |
| <b>pH</b>   | 5.5 - 6.5                  |
| <b>Melting point/freezing point</b>                 | Not available.             |
| <b>Initial boiling point and boiling range</b>      | 212 °F (100 °C) (760 mmHg) |
| <b>Flash point</b>                                  | 143.6 °F (62.0 °C)         |
| <b>Evaporation rate</b>                             | Not available.             |
| <b>Flammability (solid, gas)</b>                    | Not applicable.            |
| <b>Upper/lower flammability or explosive limits</b> |                            |
| <b>Flammability limit - lower (%)</b>               | Not available.             |
| <b>Flammability limit - upper (%)</b>               | Not available.             |
| <b>Vapor pressure</b>                               | Not available.             |
| <b>Vapor density</b>                                | Not available.             |
| <b>Relative density</b>                             | 0.996                      |
| <b>Solubility(ies)</b>                              |                            |
| <b>Solubility (water)</b>                           | Not available.             |

|  |                     |
|--|---------------------|
| <b>Partition coefficient (n-octanol/water)</b> | Not available.      |
| <b>Auto-ignition temperature</b>               | Not available.      |
| <b>Decomposition temperature</b>               | > 392 °F (> 200 °C) |
| <b>Viscosity</b>                               | Not available.      |
| <b>Other information</b>                       |                     |
| <b>VOC (Weight %)</b>                          | 0.9 %               |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Will not occur.   |
| <b>Conditions to avoid</b>                | Heat, flames and sparks.  |
| <b>Incompatible materials</b>             | Strong oxidizing agents.  |
| <b>Hazardous decomposition products</b>   | Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide.   |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | In high concentrations, vapors may be irritating to the respiratory system. |
| <b>Skin contact</b> | May cause skin irritation.  |
| <b>Eye contact</b>  | May cause eye irritation.   |
| <b>Ingestion</b>    | May cause discomfort if swallowed.  |

**Symptoms related to the physical, chemical and toxicological characteristics**  
Symptoms include nausea, vomiting, and diarrhea.

### Information on toxicological effects

**Acute toxicity** May cause discomfort if swallowed.

| <b>Components</b> | <b>Species</b> | <b>Test Results</b> |
|-------------------|----------------|---------------------|
|-------------------|----------------|---------------------|

Isopropyl alcohol (CAS 67-63-0)

#### **Acute**

##### *Dermal*

|      |        |             |
|------|--------|-------------|
| LD50 | Rabbit | 12800 mg/kg |
|------|--------|-------------|

##### *Oral*

|      |     |          |
|------|-----|----------|
| LD50 | Rat | 4.7 g/kg |
|------|-----|----------|

**Skin corrosion/irritation** May cause skin irritation on prolonged or repeated contact.

**Serious eye damage/eye irritation** May cause eye irritation on direct contact.

### Respiratory or skin sensitization

**Respiratory sensitization** No data available.

**Skin sensitization** Not a skin sensitizer.

**Germ cell mutagenicity** No data available.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Reproductive toxicity** No data available.

**Specific target organ toxicity - single exposure** No data available.

**Specific target organ toxicity - repeated exposure** No data available.

**Aspiration hazard** Not classified.

**Chronic effects** May cause central nervous system effects.

## 12. Ecological information

**Ecotoxicity** 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.

| Components   | Species   | Test Results          |
|--|---|-----------------------|
| Isopropyl alcohol (CAS 67-63-0)                          |   |                       |
| <b>Aquatic</b>   |   |                       |
| Fish   | LC50 Bluegill ( <i>Lepomis macrochirus</i> )      | > 1400 mg/l, 96 hours |
| <b>Persistence and degradability</b>                     | The product is readily biodegradable.             |                       |
| <b>Bioaccumulative potential</b>                         | Not likely to bioaccumulate in aquatic organisms. |                       |
| <b>Partition coefficient n-octanol / water (log Kow)</b> |   |                       |
| Isopropyl alcohol (CAS 67-63-0)                          | 0.05  |                       |
| <b>Mobility in soil</b>                                  | No data available.                                |                       |
| <b>Mobility in general</b>                               | No data available.                                |                       |
| <b>Other adverse effects</b>                             | Not available.                                    |                       |

## 13. Disposal considerations

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.                   |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations.   |
| <b>Contaminated packaging</b>                | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. |

## 14. Transport information

### DOT

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1993  |
| <b>UN proper shipping name</b>      | Flammable liquids, n.o.s. (Isopropyl alcohol RQ = 5000 LBS) |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 3   |
| <b>Subsidiary risk</b>              | -   |
| <b>Label(s)</b>                     | 3   |
| <b>Packing group</b>                | III   |
| <b>Special precautions for user</b> | Not available.  |
| <b>Special provisions</b>           | B1, B52, IB3, T4, TP1, TP29                                 |
| <b>Packaging exceptions</b>         | 150   |
| <b>Packaging non bulk</b>           | 203   |
| <b>Packaging bulk</b>               | 242   |

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Isopropyl alcohol (CAS 67-63-0)

LISTED

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - No  
 Delayed Hazard - No  
 Fire Hazard - Yes  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No**SARA 313 (TRI reporting)**

| Chemical name     | CAS number | % by wt. |
|-------------------|------------|----------|
| Isopropyl alcohol | 67-63-0    | < 2      |

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations** This product does not contain a chemical known to the State of California to cause cancer birth defects or other reproductive harm.**US. Massachusetts RTK - Substance List**

Isopropyl alcohol (CAS 67-63-0)

**US. New Jersey Worker and Community Right-to-Know Act**

Isopropyl alcohol (CAS 67-63-0)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Isopropyl alcohol (CAS 67-63-0)

**US. Rhode Island RTK**

Isopropyl alcohol (CAS 67-63-0)

**US. California Proposition 65**

Not Listed.

**International Inventories**

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)   | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand                 | New Zealand Inventory  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision****Issue date** 24-February-2015**Revision date** -

**Version #**  
**NFPA ratings**

01



**List of abbreviations**

**References**

HSDB® - Hazardous Substances Data Bank  
Registry of Toxic Effects of Chemical Substances (RTECS)

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