



# SAFETY DATA SHEET

## 1. Identification

|                                                        |                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product identifier                                     | LPS® Electra-X 2.0                                                                                                                                                                                                                                                                              |
| Other means of identification                          |                                                                                                                                                                                                                                                                                                 |
| Part Number                                            | 07316                                                                                                                                                                                                                                                                                           |
| Recommended use                                        | An aggressive non-flammable solvent blend for the removal of dirt, moisture, dust, flux and oxides from the internal components of electronic or precision equipment such as circuit boards, and the internal components of electronic devices used in factories and other industrial settings. |
| Recommended restrictions                               | None known.                                                                                                                                                                                                                                                                                     |
| Manufacturer/Importer/Supplier/Distributor information |                                                                                                                                                                                                                                                                                                 |
| Manufacturer                                           |                                                                                                                                                                                                                                                                                                 |
| Manufacturer                                           |                                                                                                                                                                                                                                                                                                 |
| Company name                                           | ITW Pro Brands                                                                                                                                                                                                                                                                                  |
| Address                                                | 4647 Hugh Howell Rd.<br>Tucker, GA 30084                                                                                                                                                                                                                                                        |
| Country                                                | (U.S.A.)<br>Tel: +1 770-243-8800                                                                                                                                                                                                                                                                |
| In Case of Emergency                                   | 1-800-424-9300 (inside U.S.)<br>+001 703-527-3887 (outside U.S.)                                                                                                                                                                                                                                |
| Website                                                | www.lpslabs.com                                                                                                                                                                                                                                                                                 |
| E-mail                                                 | lpssds@itwprobrands.com                                                                                                                                                                                                                                                                         |

## 2. Hazard(s) identification

|                       |                                                 |                             |
|-----------------------|-------------------------------------------------|-----------------------------|
| Physical hazards      | Gases under pressure                            | Compressed gas              |
| Health hazards        | Serious eye damage/eye irritation               | Category 2A                 |
|                       | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| Environmental hazards | Not classified.                                 |                             |
| OSHA defined hazards  | Not classified.                                 |                             |

### Label elements



|                                           |                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word                               | Warning                                                                                                                                                                                                                                                                                                               |
| Hazard statement                          | Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness.                                                                                                                                                                                                 |
| Precautionary statement                   |                                                                                                                                                                                                                                                                                                                       |
| Prevention                                | Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection.                                                                                                                                                                             |
| Response                                  | If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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. |
| Storage                                   | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight.                                                                                                                                                                                                              |
| Disposal                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                                                                                                                                                                                   |
| Hazard(s) not otherwise classified (HNOC) | None known.                                                                                                                                                                                                                                                                                                           |
| Supplemental information                  | None known.                                                                                                                                                                                                                                                                                                           |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                              | Common name and synonyms | CAS number  | %       |
|--------------------------------------------|--------------------------|-------------|---------|
| 1,2-trans-Dichloroethylene                 |                          | 156-60-5    | 50 - 60 |
| Ethane, 1,1,1,2-Tetrafluoro-(HFC 134a)     |                          | 811-97-2    | 30 - 40 |
| 2,3-Dihydroperfluoropentane (HFC-43-10mee) |                          | 138495-42-8 | 10 - 20 |

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                                                  |
| <b>Skin contact</b>                                                           | Wash off with soap and water. Get medical attention if irritation develops and persists.                                                                                                           |
| <b>Eye contact</b>                                                            | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Ingestion</b>                                                              | Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.                                                         |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.                              |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                                             |
| <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>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                                                                                                                                                                                                                                                                                                                |
| <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>                    | During fire, gases hazardous to health 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: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| <b>Specific methods</b>                                              | Cool containers exposed to flames with water until well after the fire is out.                                                                                                                                                                                                                                                                                                          |
| <b>General fire hazards</b>                                          | Contents under pressure. Pressurized container may explode when exposed to heat or flame.                                                                                                                                                                                                                                                                                               |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS. |
| <b>Methods and materials for containment and cleaning up</b>               | Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. For waste disposal, see section 13 of the SDS.                                                                |
| <b>Environmental precautions</b>                                           | Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## 7. Handling and storage

### Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

Store locked up. Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in a well-ventilated place. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. ACGIH Threshold Limit Values

| Components                                   | Type | Value   |
|----------------------------------------------|------|---------|
| 1,2-trans-dichloroethylene<br>(CAS 156-60-5) | TWA  | 200 ppm |

#### US. Workplace Environmental Exposure Level (WEEL) Guides

| Components                                                  | Type | Value    | Form   |
|-------------------------------------------------------------|------|----------|--------|
| Ethane,<br>1,1,1,2-Tetrafluoro-(HFC<br>134a) (CAS 811-97-2) | TWA  | 1000 ppm | 8 hour |

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### 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 eyewash station.

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

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

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Wear suitable protective clothing.

**Respiratory protection** If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

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

### General hygiene considerations

When using do not smoke. 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

### Appearance

**Physical state** Gas.

**Form** Aerosol.

**Color** Colorless.

**Odor** Mild.

**Odor threshold** Not available.

**pH** Not applicable.

**Melting point/freezing point** Not available.

|                                                     |                                                    |
|-----------------------------------------------------|----------------------------------------------------|
| <b>Initial boiling point and boiling range</b>      | 118 °F (47.78 °C)                                  |
| <b>Flash point</b>                                  | None. (Tag Closed Cup)                             |
| <b>Evaporation rate</b>                             | < 1 (BuAc)                                         |
| <b>Flammability (solid, gas)</b>                    | Non flammable gas.                                 |
| <b>Upper/lower flammability or explosive limits</b> |                                                    |
| <b>Flammability limit - lower (%)</b>               | Not available.                                     |
| <b>Flammability limit - upper (%)</b>               | Not available.                                     |
| <b>Explosive limit - lower (%)</b>                  | Not available.                                     |
| <b>Explosive limit - upper (%)</b>                  | Not available.                                     |
| <b>Vapor pressure</b>                               | > 300 mm Hg @ 25°C                                 |
| <b>Vapor density</b>                                | > 1 (air = 1)                                      |
| <b>Relative density</b>                             | 1.319                                              |
| <b>Solubility(ies)</b>                              |                                                    |
| <b>Solubility (water)</b>                           | < 0.14 g/l @ 68°F                                  |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                                     |
| <b>Auto-ignition temperature</b>                    | Not available.                                     |
| <b>Decomposition temperature</b>                    | Not available.                                     |
| <b>Viscosity</b>                                    | Not applicable.                                    |
| <b>Other information</b>                            |                                                    |
| <b>Density</b>                                      | 11.00                                              |
| <b>Explosive properties</b>                         | Not explosive.                                     |
| <b>Oxidizing properties</b>                         | Not oxidizing.                                     |
| <b>Percent volatile</b>                             | 100 %                                              |
| <b>VOC</b>                                          | 59.5 % per US Federal Consumer Product Regulations |

## 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> | Hazardous polymerization does not occur.                                                      |
| <b>Conditions to avoid</b>                | Heat. Contact with incompatible materials.                                                    |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                                      |
| <b>Hazardous decomposition products</b>   | Carbon oxides. Hydrogen fluoride. Hydrogen chloride.                                          |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.                                                 |
| <b>Eye contact</b>  | Causes serious eye irritation.                                                                       |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.                                                               |

|                                                                                     |                                                                                                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Information on toxicological effects

|                       |                   |
|-----------------------|-------------------|
| <b>Acute toxicity</b> | Narcotic effects. |
|-----------------------|-------------------|

| Components                                                     | Species                                                                                                                                                                                                                                                 | Test Results |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1,2-trans-Dichloroethylene (CAS 156-60-5)                      |                                                                                                                                                                                                                                                         |              |
| <u>Acute</u>                                                   |                                                                                                                                                                                                                                                         |              |
| Oral                                                           |                                                                                                                                                                                                                                                         |              |
| LD50                                                           | Rat                                                                                                                                                                                                                                                     | 1235 mg/kg   |
| Skin corrosion/irritation                                      | Prolonged skin contact may cause temporary irritation.                                                                                                                                                                                                  |              |
| Serious eye damage/eye irritation                              | Causes serious eye irritation.                                                                                                                                                                                                                          |              |
| Respiratory or skin sensitization                              |                                                                                                                                                                                                                                                         |              |
| Respiratory sensitization                                      | Not a respiratory sensitizer.                                                                                                                                                                                                                           |              |
| Skin sensitization                                             | This product is not expected to cause skin sensitization.                                                                                                                                                                                               |              |
| Germ cell mutagenicity                                         | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.                                                                                                                                        |              |
| Carcinogenicity                                                | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                                                                                                                                                         |              |
| IARC Monographs. Overall Evaluation of Carcinogenicity         |                                                                                                                                                                                                                                                         |              |
| Not listed.                                                    |                                                                                                                                                                                                                                                         |              |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) |                                                                                                                                                                                                                                                         |              |
| Not regulated.                                                 |                                                                                                                                                                                                                                                         |              |
| US. National Toxicology Program (NTP) Report on Carcinogens    |                                                                                                                                                                                                                                                         |              |
| Not listed.                                                    |                                                                                                                                                                                                                                                         |              |
| Reproductive toxicity                                          | This product is not expected to cause reproductive or developmental effects.                                                                                                                                                                            |              |
| Specific target organ toxicity - single exposure               | May cause drowsiness and dizziness.                                                                                                                                                                                                                     |              |
| Specific target organ toxicity - repeated exposure             | Not classified.                                                                                                                                                                                                                                         |              |
| Aspiration hazard                                              | Not likely, due to the form of the product.                                                                                                                                                                                                             |              |
| Chronic effects                                                | Prolonged inhalation may be harmful.                                                                                                                                                                                                                    |              |
| 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.                                                      |              |
| Persistence and degradability                                  | No data is available on the degradability of this product.                                                                                                                                                                                              |              |
| Bioaccumulative potential                                      |                                                                                                                                                                                                                                                         |              |
| Partition coefficient n-octanol / water (log Kow)              |                                                                                                                                                                                                                                                         |              |
| 1,2-trans-Dichloroethylene                                     |                                                                                                                                                                                                                                                         | 2.06         |
| Ethane, 1,1,1,2-Tetrafluoro-(HFC 134a)                         |                                                                                                                                                                                                                                                         | 1.06         |
| Mobility in soil                                               | No data available.                                                                                                                                                                                                                                      |              |
| Other adverse effects                                          | The product contains volatile organic compounds which have a photochemical ozone creation potential.                                                                                                                                                    |              |
| 13. Disposal considerations                                    |                                                                                                                                                                                                                                                         |              |
| Disposal instructions                                          | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations. |              |
| Local disposal regulations                                     | Dispose in accordance with all applicable regulations.                                                                                                                                                                                                  |              |
| Hazardous waste code                                           | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.<br>D003: Waste Reactive material                                                                                                         |              |
| Waste from residues / unused products                          | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                                        |              |
| Contaminated packaging                                         | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.              |              |

## 14. Transport information

### DOT

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| UN number                    | UN1950                                                                  |
| UN proper shipping name      | Aerosols, non-flammable, (each not exceeding 1 L capacity)              |
| Transport hazard class(es)   |                                                                         |
| Class                        | 2.2                                                                     |
| Subsidiary risk              | -                                                                       |
| Label(s)                     | 2.2                                                                     |
| Packing group                | Not applicable.                                                         |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Packaging exceptions         | 306                                                                     |
| Packaging non bulk           | None                                                                    |
| Packaging bulk               | None                                                                    |

### IATA

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| UN number                    | UN1950                                                                  |
| UN proper shipping name      | Aerosols, non-flammable                                                 |
| Transport hazard class(es)   |                                                                         |
| Class                        | 2.2                                                                     |
| Subsidiary risk              | -                                                                       |
| Packing group                | Not applicable.                                                         |
| Environmental hazards        | No.                                                                     |
| ERG Code                     | 2L                                                                      |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Other information            |                                                                         |
| Passenger and cargo aircraft | Allowed with restrictions.                                              |
| Cargo aircraft only          | Allowed with restrictions.                                              |

### IMDG

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| UN number                    | UN1950                                                                  |
| UN proper shipping name      | AEROSOLS, non-flammable                                                 |
| Transport hazard class(es)   |                                                                         |
| Class                        | 2.2                                                                     |
| Subsidiary risk              | -                                                                       |
| Label(s)                     | 2.2                                                                     |
| Packing group                | Not applicable.                                                         |
| Environmental hazards        |                                                                         |
| Marine pollutant             | No.                                                                     |
| EmS                          | F-D, S-U                                                                |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available.

### DOT



**General information**

Ensure compliance with applicable regulations.

**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)**

2,3-Dihydroperfluoropentane (HFC-43-10mee) (CAS 138495-42-8) 1.0 % One-Time Export Notification only.

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

1,2-trans-Dichloroethylene (CAS 156-60-5) Listed.

**SARA 304 Emergency release notification**

Not regulated.

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

Not regulated.

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

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

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

Yes

**SARA 313 (TRI reporting)**

Not regulated.

**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**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

1,2-trans-Dichloroethylene (CAS 156-60-5)

**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) | No                     |

| Country(s) or region        | Inventory name                                                    | On inventory (yes/no)* |
|-----------------------------|-------------------------------------------------------------------|------------------------|
| Europe                      | European List of Notified Chemical Substances (ELINCS)            | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)          | No                     |
| Korea                       | Existing Chemicals List (ECL)                                     | No                     |
| 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 that all components of this product comply 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** 04-01-2015

**Revision date** 12-29-2016

**Version #** 03

**Disclaimer** ITW Pro Brands cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.