### SAFETY DATA SHEET

### 1. Identification

**Product identifier LPS® Micro-X NU** 

Other means of identification

**Part Number** 06616, C06616

Recommended use A spray cleaner designed to remove dirt, moisture, dust, flux or oxides from the internal

components of electronic or precision equipment such as circuit boards.

**Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

**ITW Pro Brands** Company name **Address** 4647 Hugh Howell Rd.

Tucker, GA 30084

Country (U.S.A.)

Tel: +1 770-243-8800

In Case of Emergency 1-800-424-9300

1-703-527-3887

Website www.lpslabs.com

E-mail lpssds@itwprobrands.com ITW Permatex Canada **Supplier** 1-35 Brownridge Road

Halton Hills, ON, L7G 0C6

Canada

1-800-241-8334

### 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 2

> Gases under pressure Liquefied gas Skin corrosion/irritation Category 2

Reproductive toxicity Category 2

> Specific target organ toxicity, single exposure Category 3 narcotic effects Specific target organ toxicity, repeated Category 2 (nervous system)

exposure (inhalation)

**Environmental hazards** Not classified.

Label elements

Health hazards



Signal word Warning

Pressurized container: May burst if heated. Pressurized container: May burst if heated. Hazard statement

Pressurized container: May burst if heated. Flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs (nervous system) through

prolonged or repeated exposure by inhalation.

**Precautionary statement** 

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Material name: LPS® Micro-X NU SDS CANADA 1/10

Specific treatment (see this label). IF exposed or concerned: Get medical advice/attention. IF ON Response

> SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and

keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from

sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards None known.

Supplemental information 85.94, 81.79% of the mixture consists of component(s) of unknown acute oral toxicity.

### 3. Composition/information on ingredients

#### **Mixtures**

| Chemical name                             | Common name and synonyms | CAS number | %       |
|---|--------------------------|------------|---------|
| 2-Methylpentane                           |                          | 107-83-5   | 30 - 40 |
| Ethane,<br>1,1,1,2-Tetrafluoro-(HFC-134a) |                          | 811-97-2   | 20 - 30 |
| Pentane                                   |                          | 109-66-0   | 5 - 10  |
| Isopropanol                               |                          | 67-63-0    | 1 - 10  |
| N-hexane                                  |                          | 110-54-3   | 1 - 3   |

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

### 4. First-aid measures

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON Inhalation

CENTER or doctor/physician if you feel unwell.

Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get Skin contact

medical advice/attention. Wash contaminated clothing before reuse.

Rinse with water. Get medical attention if irritation develops and persists. Eye contact

Ingestion Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or

poison control center. Rinse mouth.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special treatment needed

General information

May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

### 5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing media

Specific hazards arising from the chemical

Special protective equipment and precautions for firefighters

Fire fighting

equipment/instructions

Specific methods

General fire hazards

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

In case of fire: Stop leak if safe to do so. 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. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with

water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes. Flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures 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. Do not breathe 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.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. 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. This product is miscible in water. Prevent entry into waterways, sewer, basements or confined areas. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions** 

Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage.

### 8. Exposure controls/personal protection

#### Occupational exposure limits

| US. | <b>ACGIH</b> | <b>Threshold</b> | <b>Limit Values</b> |  |
|-----|--------------|------------------|---------------------|--|
|-----|--------------|------------------|---------------------|--|

| Components                       | Туре                         | Value              |  |
|----------------------------------|------------------------------|--------------------|--|
| 2-Methylpentane (CAS 107-83-5)   | STEL                         | 1000 ppm           |  |
|                                  | TWA                          | 500 ppm            |  |
| Isopropanol (CAS 67-63-0)        | STEL                         | 400 ppm            |  |
|                                  | TWA                          | 200 ppm            |  |
| N-Hexane (CAS 110-54-3)          | TWA                          | 50 ppm             |  |
| Pentane (CAS 109-66-0)           | TWA                          | 1000 ppm           |  |
| Canada. Alberta OELs (Occupation | nal Health & Safety Code, Sc | hedule 1, Table 2) |  |
| Components                       | Туре                         | Value              |  |
| 2-Methylpentane (CAS 107-83-5)   | STEL                         | 3500 mg/m3         |  |
|                                  |                              | 1000 ppm           |  |
|                                  | TWA                          | 1760 mg/m3         |  |
|                                  |                              | 500 ppm            |  |
| Isopropanol (CAS 67-63-0)        | STEL                         | 984 mg/m3          |  |
|                                  |                              | 400 ppm            |  |
|                                  | TWA                          | 492 mg/m3          |  |
|                                  |                              | 200 ppm            |  |
| N-Hexane (CAS 110-54-3)          | TWA                          | 176 mg/m3          |  |
|                                  |                              | 50 ppm             |  |
|                                  |                              |                    |  |

Material name: LPS® Micro-X NU SDS CANADA

# Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components   | Туре                                   | Value   |  |
|--|--|---|--|
| Isopropanol (CAS 67-63-0)  | STEL                                   | 400 ppm   |  |
|  | TWA                                    | 200 ppm   |  |
| N-Hexane (CAS 110-54-3)  | TWA                                    | 20 ppm  |  |
| Pentane (CAS 109-66-0)   | TWA                                    | 600 ppm   |  |
| Canada. Manitoba OELs (Reg. 217  | 7/2006, The Workplace Safety           | And Health Act)   |  |
| Components   | Туре                                   | Value   |  |
| 2-Methylpentane (CAS<br>107-83-5)  | STEL                                   | 1000 ppm  |  |
|  | TWA                                    | 500 ppm   |  |
| Isopropanol (CAS 67-63-0)  | STEL                                   | 400 ppm   |  |
|  | TWA                                    | 200 ppm   |  |
| N-Hexane (CAS 110-54-3)  | TWA                                    | 50 ppm  |  |
| Pentane (CAS 109-66-0)   | TWA                                    | 1000 ppm  |  |
| Canada. Ontario OELs. (Control o   | f Exposure to Biological or Cl         | nemical Agents)   |  |
| Components   | Туре                                   | Value   |  |
| Isopropanol (CAS 67-63-0)  | STEL                                   | 400 ppm   |  |
|  | TWA                                    | 200 ppm   |  |
| N-Hexane (CAS 110-54-3)  | TWA                                    | 50 ppm  |  |
| Pentane (CAS 109-66-0)   | TWA                                    | 600 ppm   |  |
|  |  |   |  |
| Canada. Quebec OELs. (Ministry o   | of Labor - Regulation respecti         | ng occupational health and safety)                        |  |
| •  | of Labor - Regulation respecti<br>Type | ng occupational health and safety)<br>Value               |  |
| Components   | <del>-</del>                           | <del>-</del> •  |  |
| Components   | Туре                                   | Value   |  |
| Components   | Туре                                   | Value<br>1230 mg/m3                                       |  |
| Components   | Type<br>STEL                           | <b>Value</b> 1230 mg/m3 500 ppm                           |  |
| Components Isopropanol (CAS 67-63-0)   | Type<br>STEL                           | Value  1230 mg/m3  500 ppm  983 mg/m3                     |  |
| Canada. Quebec OELs. (Ministry of Components  Isopropanol (CAS 67-63-0)  N-Hexane (CAS 110-54-3) | Type<br>STEL<br>TWA                    | Value  1230 mg/m3  500 ppm  983 mg/m3  400 ppm            |  |
| Components Isopropanol (CAS 67-63-0)   | Type<br>STEL<br>TWA                    | Value  1230 mg/m3  500 ppm  983 mg/m3  400 ppm  176 mg/m3 |  |

### **Biological limit values**

**ACGIH Biological Exposure Indices** 

| Components                | Value    | Determinant                                | Specimen | Sampling Time |
|---------------------------|----------|--|----------|---------------|
| Isopropanol (CAS 67-63-0) | 40 mg/l  | Acetone                                    | Urine    | *             |
| N-Hexane (CAS 110-54-3)   | 0.4 mg/l | 2,5-Hexanedio<br>ne, without<br>hydrolysis | Urine    | *             |

<sup>\* -</sup> For sampling details, please see the source document.

### **Exposure guidelines**

Canada - Alberta OELs: Skin designation

N-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation

N-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation

N-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Canada - Ontario OELs: Skin designation

N-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Canada - Quebec OELs: Skin designation

N-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation

N-hexane (CAS 110-54-3) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation** 

N-hexane (CAS 110-54-3) Can be absorbed through the skin.

Material name: LPS® Micro-X NU

SDS CANADA

## 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. Eye wash facilities and emergency shower must be available when handling this product.

### 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 appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

General hygiene considerations

Observe any medical surveillance requirements. 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** 

Gas. Physical state **Form** Aerosol.

Color Clear colorless or nearly colorless.

Odor Mild.

Odor threshold Not established pН Not available.

Melting point/freezing point -198.4 °F (-128 °C) estimated

Initial boiling point and boiling

range

140.9 °F (60.5 °C) Dispensed liquid

Flash point < 1.4 °F (< -17.0 °C) Tag Closed Cup Dispensed liquid

**Evaporation rate** < 1 BuAc (Ethyl Ether= 1)

Flammability (solid, gas) Flammable gas.

Upper/lower flammability or explosive limits

Flammability limit - lower

0.6 %

7 %

Flammability limit - upper

Explosive limit - lower (%)

(%)

Not available.

Explosive limit - upper (%) Not available.

352.53 mm Hg @ 38ºC Vapor pressure

Vapor density > 1 (air = 1)Relative density Not available.

Solubility(ies)

< 10 % by weight Solubility (water) **Partition coefficient** Not established

(n-octanol/water)

**Auto-ignition temperature** 582.8 °F (306 °C) Not Established **Decomposition temperature Viscosity** < 3 cSt @ 25°C

Other information

Not explosive. **Explosive properties** Heat of combustion > 30 kJ/g**Oxidizing properties** Not oxidizing.

06616, C06616 Version #: 01 Issue date: 02-13-2018

100 % Percent volatile

Specific gravity 0.8 - 0.82 @ 20°C

VOC 74 % per State & Federal Consumer Product Regulations; 600 g/L per SCAQMD Rule 102

10. Stability and reactivity

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

Material is stable under normal conditions. **Chemical stability** Possibility of hazardous Hazardous polymerization does not occur.

Conditions to avoid

reactions

Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Acids. Strong oxidizing agents. Isocyanates. Chlorine.

Hazardous decomposition

products

Carbon oxides.

### 11. Toxicological information

### Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. May cause

drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Causes skin irritation.

Direct contact with eyes may cause temporary irritation. **Eve contact** 

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Skin irritation. May cause redness and pain.

#### Information on toxicological effects

**Acute toxicity** Narcotic effects.

| Components                | Species | Test Results |  |
|---------------------------|---------|--------------|--|
| Isopropanol (CAS 67-63-0) |         |              |  |
| <u>Acute</u>              |         |              |  |
| Oral                      |         |              |  |
| LD50                      | Rat     | 4.7 g/kg     |  |
| N-hexane (CAS 110-54-3)   |         |              |  |

**Acute** 

Dermal

LD50 Rabbit > 2000 mg/kg, 4 Hours

Pentane (CAS 109-66-0)

**Acute** Oral

LD50 Rat > 2000 mg/kg

Causes skin irritation. Skin corrosion/irritation

Serious eye damage/eye

irritation

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

This product is not expected to cause skin sensitization. Skin sensitization

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Carcinogenicity

**ACGIH Carcinogens** 

Isopropanol (CAS 67-63-0) A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

Isopropanol (CAS 67-63-0) Not classifiable as a human carcinogen.

Suspected of damaging fertility or the unborn child. Reproductive toxicity

Material name: LPS® Micro-X NU SDS CANADA 6/10 Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

May cause damage to organs (nervous system) through prolonged or repeated exposure by

inhalation.

**Aspiration hazard** Not likely, due to the form of the product.

Chronic effects May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may

be harmful.

**Further information** Symptoms may be delayed.

### 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

Isopropanol (CAS 67-63-0)

Aquatic

Fish

LC50

Bluegill (Lepomis macrochirus) > 1400 mg/l, 96 hours

N-hexane (CAS 110-54-3)

Aquatic

Fish

LC50

Fathead minnow (Pimephales promelas) 2.101 - 2.981 mg/l, 96 hours

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

2-Methylpentane3.74Ethane, 1,1,1,2-Tetrafluoro-(HFC-134a)1.06Isopropanol0.05N-hexane3.9Pentane3.39

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.

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

**TDG** 

UN number UN1950

UN proper shipping name AEROSOLS, flamr

Transport hazard class(es)

AEROSOLS, flammable, MARINE POLLUTANT

Class 2.1 Subsidiary risk -

Packing group Not available.

Environmental hazards Yes

Special precautions for user Not available.

**IATA** 

UN number UN1950

Material name: LPS® Micro-X NU SDS CANADA

UN proper shipping name

Aerosols, flammable

Transport hazard class(es)

Class 2.1 Subsidiary risk -

Packing group Not available.

**Environmental hazards** No. **ERG Code** 2X

Special precautions for user Not available.

Other information

Passenger and cargo

Allowed with restrictions.

aircraft

Cargo aircraft only Allowed with restrictions.

**IMDG** 

UN number UN1950

UN proper shipping name Transport hazard class(es) AEROSOLS, flammable (Hexanes), MARINE POLLUTANT

Class 2.1 Subsidiary risk -Label(s) 2.1

Packing group Not available.

**Environmental hazards** 

Marine pollutant
EmS F-D, S-U
Special precautions for user
Transport in bulk according to

Yes
F-D, S-U
Not available.
Not applicable.

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

IATA; IMDG; TDG



### Marine pollutant



**General information** 

IMDG Regulated Marine Pollutant. Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.

Material name: LPS® Micro-X NU SDS CANADA

### 15. Regulatory information

### Canadian regulations

Canada. Excluded VOCs. Guidelines for Volatile Organic Compounds in Consumer Products. CEPA 1999. Environment Canada, as amended

Ethane, 1,1,1,2-Tetrafluoro-(HFC-134a) (CAS 811-97-2)

**Controlled Drugs and Substances Act** 

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

Ethane, 1,1,1,2-Tetrafluoro-(HFC-134a) (CAS 811-97-2)

Inventory name

**Precursor Control Regulations** 

Not regulated.

International regulations

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto protocol** 

Not applicable.

**Montreal Protocol** 

Not applicable.

**Basel Convention** 

Not applicable.

Country(s) or region

#### International Inventories

| 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 |
| Taiwan                      | Taiwan Toxic Chemical Substances (TCS)                                 | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes |

<sup>\*</sup>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

Issue date 02-13-2018

Version # 01

**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.

Material name: LPS® Micro-X NU SDS CANADA

On inventory (yes/no)\*

Composition / Information on Ingredients: Disclosure Overrides GHS: Qualifiers **Revision information** 

Material name: LPS® Micro-X NU SDS CANADA 10 / 10