SAFETY DATA SHEET
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

1. Identification

Product identifier

Product name PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

Product number MCC-PW210Y, MCC-PW210A, MCC-PW2101, MCC-PW2105, MCC-PW2106

Recommended use of the chemical and restrictions on use

Application Cleaning agent.

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier MICROCARE CORPORATION

Manufacturer MICROCARE CORPORATION

595 John Downey Drive
New Britain, CT 06051
United States of America
CAGE: OATV9
Tel: +1 800 638 0125, +1 860-827-0626
Fax: +1 860-893-1930
techsupport@microcare.com

Emergency telephone number

Emergency telephone CHEMTREC 1-800-424-9300 (within the U.S.)
+1 703-741-5970 (from anywhere in the world)

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H332

Environmental hazards Aquatic Chronic 3 - H412

Human health Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Mild dermatitis, allergic skin rash.

Environmental The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical Vapors are heavier than air and may travel along the floor and accumulate in the bottom of containers. Not considered to be a significant hazard due to the small quantities used. Gas or vapor displaces oxygen available for breathing (asphyxiant).

Label elements
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

Pictogram

Signal word

Warning

Hazard statements
H332 Harmful if inhaled.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use
P261 Avoid breathing spray.
P312 Call a poison center/ doctor if you feel unwell.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label

Safety data sheet available on request. For use in industrial installations only.

Contains

trans-1,2-DICHLOROETHYLENE

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

<table>
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<tr>
<th>trans-1,2-DICHLOROETHYLENE</th>
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Classification
Flam. Liq. 2 - H225
Acute Tox. 4 - H332
Aquatic Chronic 3 - H412

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<th>HFC-134a Tetrafluoroethane</th>
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<td>CAS number: 811-97-2</td>
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Classification
Press. Gas, Liquefied - H280

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<th>1,1,1,2,2,3,4,5,5-decafluoropentane</th>
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<tr>
<td>CAS number: 138495-42-8</td>
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</tbody>
</table>

Classification
Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16.

Composition comments
TSCA: The ingredients of this product are on the TSCA Inventory. The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of CFR 1900.1200
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Ingredient notes
A MIXTURE OF: (R,R)-1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE, (S,S)-
1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE has been revised to 1,1,1,2,2,3,4,5,5,5-
decafluoropentane. No change in chemistry. 20JUL17

Composition

4. First-aid measures

Description of first aid measures

General information
If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical
personnel.

Inhalation
Move affected person to fresh air and keep warm and at rest in a position comfortable for
breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When
breathing is difficult, properly trained personnel may assist affected person by administering
oxygen. Get medical attention. Place unconscious person on their side in the recovery
position and ensure breathing can take place.

Ingestion
Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not
induce vomiting unless under the direction of medical personnel.

Skin Contact
Rinse with water.

Eye contact
Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical
attention if any discomfort continues.

Protection of first aiders
First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information
The severity of the symptoms described will vary dependent on the concentration and the
length of exposure.

Inhalation
A single exposure may cause the following adverse effects: Headache. Exhaustion and
weakness.

Ingestion
Due to the physical nature of this product, it is unlikely that ingestion will occur.

Skin contact
Repeated exposure may cause skin dryness or cracking.

Eye contact
May be slightly irritating to eyes. May cause discomfort.

Indication of immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry
powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

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

Special hazards arising from the substance or mixture

Flammability Class
The product is not flammable.

Specific hazards
Containers can burst violently or explode when heated, due to excessive pressure build-up.
Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are
ruptured, care should be taken due to the rapid escape of the pressurized contents and
propellant. This product is toxic.
Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

Advice for firefighters
Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Evacuate area. Risk of explosion.

Environmental precautions
Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up
Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

Reference to other sections
For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

Usage precautions
Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Avoid exposing aerosol containers to high temperatures or direct sunlight. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapors and spray/mists.

Advice on general occupational hygiene
Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities
Storage precautions
Store away from incompatible materials (see Section 10). Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F.

Storage class
Miscellaneous hazardous material storage.

Specific end uses(s)
The identified uses for this product are detailed in Section 1.

Reference to other sections
Store away from incompatible materials (see Section 10).

8. Exposure controls/Personal protection

Control parameters
Occupational exposure limits
trans-1,2-DICHLOROETHYLENE
Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 793 mg/m³
HFC-134a Tetrafluoroethane
Long-term exposure limit (8-hour TWA): OES 4240 mg/m³
1,1,1,2,3,4,5,5-decafluoropentane
No information available that would effect occupational exposure limit values.
ACGIH = American Conference of Governmental Industrial Hygienists.

Additional Occupational Exposure Limits

Ingredient comments
ACGIH = US Standard.

Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection
Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
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Hand protection  No specific hand protection recommended. Avoid contact with skin.
Other skin and body protection  Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures  Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection  Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.
Environmental exposure controls  Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Information on basic physical and chemical properties
Appearance  Clear liquid. Aerosol.
Color  Colorless.
Odor  Slight. Ether.
Odor threshold  No information available.
pH  No information available.
Melting point  No information available.
Initial boiling point and range  39°C/102°F @ 101.3 kPa
Flash point  The product is not flammable.
Evaporation rate  No information available.
Evaporation factor  No information available.
Upper/lower flammability or explosive limits  Upper flammable/explosive limit: 13 %%(V) Lower flammable/explosive limit: 5.5 %%(V)
Other flammability  The product is not flammable. Aerosol ignition distance: none at 0.0 cm
Vapor pressure  55.3 kPa @ 25°C
Vapor density  3.7
Relative density  1.27
Bulk density  No information available.
Solubility(ies)  0.3 g/100 g water @ 20°C Slightly soluble in water.
Partition coefficient  No information available.
Auto-ignition temperature  No information available.
Decomposition Temperature  No information available.
Viscosity  No information available.
Explosive properties  No information available.
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

Oxidizing properties  Not known.
Comments  Aerosol.
Refractive index  No information available.
Particle size  No information available.
Molecular weight  No information available.
Volatile  100%
Saturation concentration  No information available.
Critical temperature  No information available.
Volatile organic compound  This product contains a maximum VOC content of 1080 g/l.
Flammability  The product is not flammable.

10. Stability and reactivity

Reactivity  See the other subsections of this section for further details.
Stability  Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions  No potentially hazardous reactions known.
Conditions to avoid  Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated
Materials to avoid  No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products  Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral
Notes (oral LD₅₀)  Based on available data the classification criteria are not met.

Acute toxicity - dermal
Notes (dermal LD₅₀)  Based on available data the classification criteria are not met.

Acute toxicity - inhalation
Notes (inhalation LC₅₀)  Acute Tox. 4 - H332 Harmful if inhaled.
ATE inhalation (vapours mg/l)  19.05

Skin corrosion/irritation
Animal data  Based on available data the classification criteria are not met.

Serious eye damage/irritation
Serious eye damage/irritation  Based on available data the classification criteria are not met.
Respiratory sensitization
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Respiratory sensitization
Based on available data the classification criteria are not met.

Skin sensitization
Based on available data the classification criteria are not met.

Skin sensitization
Based on available data the classification criteria are not met.

Germ cell mutagenicity
Based on available data the classification criteria are not met.

Genotoxicity - in vitro
Based on available data the classification criteria are not met.

Carcinogenicity
Based on available data the classification criteria are not met.

IARC carcinogenicity
None of the ingredients are listed or exempt.

Reproductive toxicity
Based on available data the classification criteria are not met.

Reproductive toxicity - fertility
Based on available data the classification criteria are not met.

Reproductive toxicity - development
Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure
STOT - single exposure
Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard
Based on available data the classification criteria are not met.

General information
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation
A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.

Ingestion
Due to the physical nature of this product, it is unlikely that ingestion will occur.

Skin Contact
Repeated exposure may cause skin dryness or cracking.

Eye contact
May be slightly irritating to eyes. May cause discomfort.

Route of exposure
Ingestion Inhalation Skin and/or eye contact

Target Organs
No specific target organs known.

Medical Symptoms
Gas or vapor in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

Toxicological information on ingredients.

**trans-1,2-DICHLOROETHYLENE**

Other health effects
There is no evidence that the product can cause cancer.

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 11.0

**HFC-134a Tetrafluoroethane**

Other health effects
There is no evidence that the product can cause cancer.
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<table>
<thead>
<tr>
<th>Acute toxicity - inhalation</th>
<th>Species</th>
<th>Acute toxicity inhalation (LC₅₀ gases ppmV)</th>
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</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Rat</td>
<td>ATE inhalation (gases ppm)</td>
<td>567,000.0</td>
</tr>
</tbody>
</table>

- **Inhalation**
  - Vapors irritate the respiratory system. May cause coughing and difficulties in breathing.

- **Ingestion**
  - May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

- **Skin Contact**
  - May cause allergic contact eczema. Contact with liquid form may cause frostbite.

- **Eye contact**
  - May cause temporary eye irritation.

<table>
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<th>Acute toxicity - oral</th>
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<th>Acute toxicity oral (LD₅₀ mg/kg)</th>
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<tbody>
<tr>
<td></td>
<td>Rat</td>
<td>ATE inhalation (vapours mg/l)</td>
<td>114.0</td>
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</tbody>
</table>

**Skin corrosion/irritation**
- Not irritating. Rabbit

**Animal data**
- Data lacking.

**Serious eye damage/irritation**
- Not irritating. Rabbit

**Respiratory sensitization**
- Not applicable. Not corrosive to skin.
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

Respiratory sensitization
Data lacking.

Skin sensitization
Data lacking.

Skin sensitization
Not sensitizing. - Guinea pig: Not sensitizing.

Germ cell mutagenicity
This substance has no evidence of mutagenic properties.

Genotoxicity - in vitro
This substance has no evidence of mutagenic properties.

Carcinogenicity
Does not contain any substances known to be carcinogenic.

IARC carcinogenicity
Not listed.

NTP carcinogenicity
Not listed.

OSHA Carcinogenicity
Not listed.

Reproductive toxicity
No evidence of reproductive toxicity in animal studies.

Skin Contact
Skin irritation should not occur when used as recommended. May cause defatting of the skin but is not an irritant.

Eye contact
May cause eye irritation.

Acute and chronic health hazards
There is no evidence that the product can cause cancer.

12. Ecological information

Ecological information on ingredients.

trans-1,2-DICHLOROETHYLENE

Ecotoxicity
Low acute toxicity to aquatic organisms.

1,1,1,2,2,3,4,5,5,5-decafluoropentane

Ecotoxicity
It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnies.

Toxicity
Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

trans-1,2-DICHLOROETHYLENE

Acute aquatic toxicity
LC₅₀, 96 hours: 1350 mg/l, Fish

Acute toxicitiy - aquatic invertebrates
EC₅₀, 48 hours: 220 mg/l, Daphnia magna

HFC-134a Tetrafluoroethane
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

Acute toxicity - fish  
$\text{LC}_{50}$, 96 hours: 450 mg/l, Fish

Acute toxicity - aquatic invertebrates  
$\text{EC}_{50}$, 48 hours: 980 mg/l, Daphnia magna

1,1,1,2,2,3,4,5,5,5-decafluoropentane

Acute aquatic toxicity  
Acute toxicity - fish  
$\text{LC}_{50}$, 96 hours: 13.9 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates  
$\text{LC}_{50}$, 48 hours: 11.7 mg/l, Daphnia magna

Acute toxicity - aquatic plants  
$\text{EC}_{50}$, 72 hours: >120 mg/l, Algae

Persistence and degradability

The degradability of the product is not known.

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

No information available.

Ecological information on ingredients.

trans-1,2-DICHLOROETHYLENE

Bio-Accumulative Potential  
Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

HFC-134a Tetrafluoroethane

Partition coefficient  
Pow: 1.06

1,1,1,2,2,3,4,5,5,5-decafluoropentane

Bio-Accumulative Potential  
Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Partition coefficient  
Pow: 2.7

Mobility in soil

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

trans-1,2-DICHLOROETHYLENE

Mobility  
The product has poor water-solubility.

Other adverse effects

None known.

13. Disposal considerations

Waste treatment methods
General information

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods

Do not empty into drains. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents.

14. Transport information

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<td>UN No. (ICAO)</td>
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<td>Special precautions for user</td>
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<td>EmS</td>
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</table>

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

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed or exempt:

*trans-1,2-DICHLOROETHYLENE*

Final CERCLA RQ: 1000(454) pounds (Kilograms)
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SARA Extremely Hazardous Substances EPCRA Reportable Quantities
None of the ingredients are listed or exempt.

SARA 313 Emission Reporting
None of the ingredients are listed or exempt.

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.

FDA - Essential Chemical
None of the ingredients are listed or exempt.

FDA - Precursor Chemical
None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories
None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals
None of the ingredients are listed or exempt.

US State Regulations
California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances
The following ingredients are listed or exempt:
trans-1,2-DICHLOROETHYLENE

Massachusetts "Right To Know" List
The following ingredients are listed or exempt:
trans-1,2-DICHLOROETHYLENE

Rhode Island "Right To Know" List
None of the ingredients are listed or exempt.

Minnesota "Right To Know" List
The following ingredients are listed or exempt:
HFC-134a Tetrafluoroethane

New Jersey "Right To Know" List
None of the ingredients are listed or exempt.

Pennsylvania "Right To Know" List
The following ingredients are listed or exempt:
trans-1,2-DICHLOROETHYLENE

Inventories

13/15
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

Canada - DSL/NDSL
DSL

US - TSCA
1,1,1,2,2,3,4,5,5,5-decafluoropentane
Present.

1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE (CAS# 138495-42-8) is controlled by TSCA Section 5, Significant New Use Rule (SNUR; 40 CFR 721.5645) The approved uses are: precision and general cleaning, carrier fluid, displacement drying, printed circuit board cleaning, particulate removal and film cleaning, process medium, heat transfer fluid (dielectric and non-dielectric), and test fluid. Processors and users of this substance must also comply with the applicable general SNUR requirements set forth in 40 CFR 721 subpart A, including export notification requirements if applicable (40 CFR 721.20), and the applicable record keeping requirements set forth at 40 CFR 721.125.

The United States Environmental Protection Agency (USEPA) has established a Significant New Use Rule (SNUR) for one of the components in this product. This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:

trans-1,2-DICHLOROETHYLENE
Present.

HFC-134a Tetrafluoroethane
Present.

US - TSCA 12(b) Export Notification
1,1,1,2,2,3,4,5,5,5-decafluoropentane
trans-1,2-DICHLOROETHYLENE

Philippines - PICCS
Not listed.

New Zealand - NZIOC
Not listed.

Taiwan - NECI
Not listed.

16. Other information

<table>
<thead>
<tr>
<th>Classification abbreviations and acronyms</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol = Aerosol</td>
<td></td>
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<tr>
<td>Acute Tox. = Acute toxicity</td>
<td></td>
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<tr>
<td>Aquatic Chronic = Hazardous to the aquatic environment (chronic)</td>
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</tbody>
</table>

Training advice
Only trained personnel should use this material.

Revision comments
NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date
10/15/2018

Revision
65

Supersedes date
7/20/2018
PW2 - LEAD-FREE FLUX REMOVER - POWERCLEAN, AEROSOL

SDS No.  AEROSOL - PW2
SDS status  Approved.
Hazard statements in full  H225 Highly flammable liquid and vapor.
  H280 Contains gas under pressure; may explode if heated.
  H332 Harmful if inhaled.
  H412 Harmful to aquatic life with long lasting effects.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.