1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: PW2 POWERCLEAN II SOLVENT, AEROSOL
PRODUCT NO.: #MCC-PW210A, #MCC-PW2101, #MCC-PW2105, #MCC-PW2106
SUPPLIER: MICROCARE CORPORATION
595 John Downey Drive
New Britain, CT 06051
United States of America
CAGE: OATV9
+1 860-827-0626
+1 860-827-8105
techsupport@microcare.com
EMERGENCY TELEPHONE: CHEMTREC (800) 424-9300
IDENTIFICATION No.: UN1950

2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Colourless liquid. Slight odor. Ether. This product is not flammable. Avoid contact with eyes and prolonged skin contact. Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

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

PHYSICAL AND CHEMICAL HAZARDS
Vapors are heavier than air and may travel along the floor and in the bottom of containers. Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small. Gas or vapor displaces oxygen available for breathing (asphyxiant).

HUMAN HEALTH
Prolonged skin contact may cause redness, irritation and dry skin. Mild dermatitis, allergic skin rash.

POTENTIAL HEALTH EFFECTS

INHALATION
Vapors may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness.

INGESTION
May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

SKIN CONTACT
Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT
May cause temporary eye irritation.

MEDICAL SYMPTOMS
High concentrations of vapors may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content %</th>
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<tr>
<td>1,1,1,2,3,4,4,5,5-decafluoropentane</td>
<td>420-640-8</td>
<td>138495-42-8</td>
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<td>HFC-134a Tetrafluoroethane</td>
<td>212-377-0</td>
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<td>10-30%</td>
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<tr>
<td>trans-DICHLOROETHYLENE</td>
<td>205-860-2</td>
<td>156-60-5</td>
<td>60-90%</td>
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</tbody>
</table>

4 FIRST-AID MEASURES
PW2 POWERCLEAN II SOLVENT, AEROSOL

GENERAL INFORMATION
NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Place unconscious person on the side in the recovery position and ensure breathing can take place. Perform artificial respiration if breathing has stopped.

INHALATION
Move into fresh air and keep at rest. If respiratory problems, artificial respiration/oxygen.

INGESTION
Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Consult a physician for specific advice.

SKIN CONTACT
Remove contaminated clothes and rinse skin thoroughly with water.

EYE CONTACT
Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Consult a physician for specific advice.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES
Move container from fire area if it can be done without risk.

UNUSUAL FIRE & EXPLOSION HAZARDS
Aerosol containers can explode when heated, due to excessive pressure build-up.

SPECIFIC HAZARDS
Avoid contact with naked flames and hot surfaces as corrosive and toxic decomposition products can be formed.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

FLAMMABILITY LIMIT - LOWER(%)  5.5
FLAMMABILITY LIMIT - UPPER(%)  13

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Warn everybody of potential hazards and evacuate if necessary. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level.

ENVIRONMENTAL PRECAUTIONS
Contain spillages with sand, earth or any suitable adsorbent material. Avoid release to the environment.

SPILL CLEAN UP METHODS
Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

7 HANDLING AND STORAGE

HANDLING
Provide good ventilation. Avoid inhalation of vapors/spray and contact with skin and eyes. Avoid contact with naked flames and hot surfaces as corrosive and toxic decomposition products can be formed.

STORAGE
Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT
PW2 POWERCLEAN II SOLVENT, AEROSOL

ENGINEERING MEASURES
No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT
Vapors are heavier than air and may travel along the floor and in the bottom of containers. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Self-contained breathing apparatus with full facepiece.

HAND PROTECTION
For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION
Wear approved, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION
Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. When using do not eat, drink or smoke.

SKIN PROTECTION
Wear apron or protective clothing in case of splashes.

<table>
<thead>
<tr>
<th>9 PHYSICAL AND CHEMICAL PROPERTIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
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<td>COLOR</td>
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<tr>
<td>Flammability</td>
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<tr>
<td>BOILING POINT (°C)</td>
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<td>VAPOR DENSITY (air=1)</td>
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<tr>
<td>VAPOR PRESSURE</td>
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<tr>
<td>VOLATILE BY VOL. (%)</td>
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<tr>
<td>SOLUBILITY VALUE (g/100g H2O@20°C)</td>
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<th>10 STABILITY AND REACTIVITY</th>
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<tr>
<td>STABILITY</td>
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<tr>
<td>CONDITIONS TO AVOID</td>
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<td>HAZARDOUS POLYMERISATION</td>
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<td>MATERIALS TO AVOID</td>
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<tr>
<th>11 TOXICOLOGICAL INFORMATION</th>
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<tbody>
<tr>
<td>Name</td>
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<tr>
<td>Toxic Dose 1 - LD 50</td>
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<td>Toxic Dose 2 - LD 50</td>
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<tr>
<td>Toxic Conc. - LC 50</td>
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<tr>
<td>Other Health Effects</td>
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</tbody>
</table>
PW2 POWERCLEAN II SOLVENT, AEROSOL

Name: HFC-134a Tetrafluoroethane
Toxic Dose 1 - LD 50 >2085 mg/kg (oral rat)

Other Health Effects
This substance has no evidence of carcinogenic properties.

Name: 1,1,1,2,3,4,4,5,5,5-decafluoropentane
Toxic Dose 1 - LD 50 >5,000 mg/kg (oral rat)
Toxic Conc. - LC 50 11,100 ppm/4h (inh-rat)

12 ECOLOGICAL INFORMATION

Name: trans-DICHLOROETHYLENE
Ecotoxicity
Low acute toxicity to aquatic organisms.
LC 50, 96 Hrs, Fish mg/l 1350
EC 50, 48 Hrs, Daphnia, mg/l 220

Mobility
The product has poor water-solubility.

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

Degradability
No data available.

Name: HFC-134a Tetrafluoroethane
LC 50, 96 Hrs, Fish mg/l 450
EC 50, 48 Hrs, Daphnia, mg/l 980

Name: 1,1,1,2,3,4,4,5,5,5-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.
LC 50, 96 Hrs, Fish mg/l 27.2
IC 50, 72 Hrs, Algae, mg/l 120

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

Degradability
The product is not expected to be biodegradable.

13 DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: AEROSOLS
DOT PROPER SHIPPING NAME: CONSUMER COMMODITY ORM-D
TDG SHIPPING NAME: AEROSOLS
IDENTIFICATION No.: UN1950
UN NO. SEA: 1950
IMDG CLASS: 2.2
PW2 POWERCLEAN II SOLVENT, AEROSOL

IMDG PACK GR.  N/A
MFAG  See Subsection 4.2 of MFAG.
UN NO. AIR  1950
AIR CLASS  2.2
AIR SUB CLASS  N/A
AIR PACK GR.  N/A

15 REGULATORY INFORMATION

INVENTORIES

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<th>CAN</th>
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<th>COMPONENT</th>
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SARA (311/312) HAZARD CATEGORIES
Acute

REGULATORY STATUS (US)
SECTION 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. TSCA: The ingredients of this product are on the TSCA Inventory.

REGULATORY REFERENCES

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM -WHMIS

LABEL(S) FOR SUPPLY
Compressed Gas.  Materials Causing Other Toxic Effects.

CONTROLLED PRODUCT CLASSIFICATION
Canadian WHMIS Classification A B2 WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (CPR SECTION (33)) This product has been classified according to the hazard criteria of the Controlled Product Regulations, and the MSDS contains all required information.

16 OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

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PW2 POWERCLEAN II SOLVENT, AEROSOL

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

REVISION COMMENTS
NOTE: Lines within the margin indicate significant changes from the previous revision.
REVISION DATE 10/03/2011
VERSION No. 7

SAFETY DATA SHEET STATUS
Approved.
DATE January 4, 2010

DISCLAIMER
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 o