Material Safety Data Sheet

Material Name: PERFORMANCE PLUS WAY OILS
ID: 82729

*** Section 1 - Chemical Product and Company Identification ***

Product Code: Prefix 50
Chemical Name: PERFORMANCE PLUS WAY OILS
Product Use: For lubricating machine tool ways.
If this product is used in combination with other products, refer to the Material Safety Data Sheet for those products.

Synonyms: Petroleum oil; Lube oil; Petroleum hydrocarbon; Lubricant.

Safety-Kleen Systems, Inc.
2600 North Central Expressway
Suite 400
Richardson, TX 75080

Phone: 1-800-669-5740
Emergency # 1-800-468-1760
www.safety-kleen.com

Issue Date
December 12, 2012
Supersedes Issue Date
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Original Issue Date
July 11, 1996

PREPARED BY: Product MSDS Coordinator       APPROVED BY: MSDS Task Force

*** Section 2 - Hazardous Identification ***

EMERGENCY OVERVIEW

Appearance
Amber liquid, petroleum odor.

Signal Word
CAUTION!

Health Hazards
May be harmful if swallowed.
May irritate eyes and skin.

POTENTIAL HEALTH EFFECTS

Inhalation (Breathing)
This product is not likely to present an inhalation hazard at normal temperatures and pressures. However, when aerosolizing, misting, or heating this product, high concentrations of generated vapor or mist may irritate the respiratory tract (nose, throat, and lungs).

Eyes
May cause irritation.

Skin
May cause irritation. A single prolonged exposure is not likely to be absorbed through the skin in harmful amounts.

Ingestion (Swallowing)
May be harmful if swallowed. May cause throat irritation, nausea, vomiting, and diarrhea. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

Medical Conditions Aggravated by Exposure
Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.
Chronic
Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation, and/or fibrous tissue formation. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis).

Cancer Information
No known carcinogenicity. For more information, see SECTION 11: CARCINOGENICITY.

Environmental Hazards
Not available. Also see SECTION 12: ECOLOGICAL INFORMATION.

*** Section 3 - Composition / Information on Ingredients ***

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-58-1</td>
<td>Lubricating oils, petroleum, hydrotreated spent</td>
<td>4-98*</td>
</tr>
<tr>
<td>72623-83-7</td>
<td>Lubricating oils (petroleum), C&gt;25, hydrotreated bright stock</td>
<td>0-84*</td>
</tr>
<tr>
<td>64742-57-0</td>
<td>Residual oils (petroleum), hydrotreated</td>
<td>0-84*</td>
</tr>
<tr>
<td>64741-88-4</td>
<td>Petroleum distillates, solvent-refined heavy paraffinic</td>
<td>0-84*</td>
</tr>
<tr>
<td>64742-62-7</td>
<td>Residual oils (petroleum), solvent dewaxed</td>
<td>0-100*</td>
</tr>
<tr>
<td>64742-01-4</td>
<td>Residual oils (petroleum), solvent refined</td>
<td>0-100*</td>
</tr>
<tr>
<td>Not Available</td>
<td>Mineral Oil</td>
<td>0.5-2</td>
</tr>
</tbody>
</table>

Component Related Regulatory Information
* Even though the concentration range does not fall under the ranges prescribed by WHMIS, this is the actual range which varies with each batch of the product.

*** Section 4 - First Aid Measures ***

Inhalation (Breathing)
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

Eyes
If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

Skin
Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists. If product is injected under pressure into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, a physician should immediately evaluate the individual as a medical emergency. Wash contaminated clothing before reuse.

Ingestion (Swallowing)
Do NOT induce vomiting. Immediately get medical attention. Call 1-800-468-1760 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything by mouth to an unconscious person.

Notes to Physicians
Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.
*** Section 5 - Fire Fighting Measures ***

Hazardous Combustion Products
Decomposition and combustion materials may be toxic. Burning may produce sulfur oxides, aldehydes, ketones, carbon monoxide, carbon dioxide, unidentified organic compounds, nitrogen oxides, oxides of phosphorus, and hydrogen sulfide.

Conditions of Flammability
Sparks or flame., Product may burn, but does not ignite readily.

Extinguishing Media
Carbon dioxide, regular foam, dry chemical, water spray, or water fog. Water or foam may cause frothing.

Fire Fighting Equipment/Instructions
A positive-pressure, self contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Fire and Explosion Hazards
Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact or static discharge.

*** Section 6 - Accidental Release Measures ***

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or absorb with compatible sorbent material and shovel with a clean tool into a sealable container for disposal. Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

*** Section 7 - Handling and Storage ***

Handling Procedures
Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools and explosion-proof equipment. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. This product has a low vapor pressure and is not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting, or heating this product, do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes.

Shipping and Storing
Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.
*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines
Component Exposure Limits
None available.

Engineering Controls
Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

Personal Protective Equipment: Respiratory
Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4. Consult a qualified Industrial Hygienist or Safety Professional for respiratory selection guidance.

Personal Protective Equipment: Eyes/Face
Where eye contact is likely, wear safety glasses; contact lens use is not recommended.

Personal Protective Equipment: Skin
Where skin contact is likely chemical impervious protective gloves; use of natural rubber or equivalent gloves is not recommended.
When product is heated and skin contact is likely, wear heat-resistant gloves, boots, and other protective clothing. To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

Personal Protective Equipment: Personal Hygiene
Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard leather articles, such as shoes, saturated with this product.

Other Personal Protective Equipment
Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

*** Section 9 - Physical & Chemical Properties ***

Appearance/Odor: Liquid, amber, petroleum odor.
Boiling Point: Not available
Solubility (H2O): Insoluble
Physical State: Liquid
Density: Not available
Evaporation Rate: Not available
Odor Threshold: Not available
LFL: Not available
UFL: Not available
Vapor Pressure: Not available
pH: Not applicable
Melting Point: Not available
Specific Gravity: Not available
Octanol/H2O Coeff.: Not available
Molecular Weight: Not applicable
Auto Ignition: Not available.
Flash Point: Not available

*** Section 10 - Chemical Stability & Reactivity Information ***

Stability
Stable under normal temperatures and pressures.
Incompatibility
Avoid oxidizing agents.

Reactivity
Polymerization is not known to occur under normal temperature and pressures. Not reactive with water.

Hazardous Decomposition Products
None under normal temperatures and pressures. See also SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.

Conditions To Avoid
Avoid sparks or flame when not in use.

*** Section 11 - Toxicological Information ***

Toxicity Data
Component Analysis - LD50/LC50

- **Lubricating oils, petroleum, hydrotreated spent (64742-58-1)**
  - Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >4480 mg/kg

- **Petroleum distillates, solvent-refined heavy paraffinic (64741-88-4)**
  - Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

- **Lubricating oils (petroleum), C>25, hydrotreated bright stock (72623-83-7)**
  - Oral LD50 Rat >5000 mg/kg

- **Residual oils (petroleum), solvent dewaxed (64742-62-7)**
  - Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

- **Residual oils (petroleum), solvent refined (64742-01-4)**
  - Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

- **Mineral Oil (Not Available)**
  - Oral LD50 Rat >5000 mg/kg; Oral LD50 Mouse 22 g/kg (related to Oil mist, mineral)

Acute Effects
May be harmful if swallowed. May irritate the eyes and skin. May cause throat irritation, nausea, vomiting, and diarrhea. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

Component Carcinogenicity

- **Mineral Oil (Not Available)**
  - ACGIH: A4 - Not Classifiable as a Human Carcinogen (highly and severely refined); A2 - Suspected Human Carcinogen (poorly and mildly refined, related to Oil mist, mineral)

Sensitization
Based on best current information, there is no known human sensitization associated with this product.

Mutagenicity
Experimental evidence suggests that this product does not cause mutagenesis.

Reproductive Toxicity
Based on best current information, there is no known reproductive toxicity associated with this product.

Teratogenicity
Based on best current information, there is no known teratogenicity associated with this product.

*** Section 12 - Ecological Information ***

Ecotoxicity
No information available for the product.

Component Analysis - Ecotoxicity - Aquatic Toxicity

- **Lubricating oils, petroleum, hydrotreated spent (64742-58-1)**
  - Duration/Test/Species: 96 Hr LC50 Brachydanio rerio
  - Concentration/Conditions: 79.6 mg/L [semi-static]
  - Notes:
Persistence/Degradability

May cause long-term adverse effects in the aquatic environment.

Bioaccumulation/Accumulation
No data available for the product.

Mobility in Environmental Media
No information available for the product.

Other Adverse Effects
No additional information available.

*** Section 13 - Disposal Considerations ***

Disposal Instructions
 Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

US EPA Waste Number & Descriptions
This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, this product can be managed in accordance with the used oil exemption under 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

*** Section 14 - Transportation Information ***

Emergency Response Guide Number

DOT Shipping Name: Not regulated as a hazardous material.

TDG Shipping Name: Not regulated as a dangerous good.

IATA Information
No Classification Assigned.

IMDG Information
No Classification Assigned.

*** Section 15 - Regulatory Information ***

Volatile Organic Compounds (As regulated)
Negligible, As per 40 CFR 51.100(s)

SARA Sections 311/312
This product poses the following health hazard(s) as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):
Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard

SARA 302/304

Component Analysis
Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA Section 313

Component Analysis
This product does not contain any "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

CERCLA

Component Analysis
Based on the ingredient(s) listed in SECTION 3, this product does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA

All the components of this product are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

Component Analysis

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricating oils, petroleum, hydrotreated spent</td>
<td>64742-58-1</td>
<td>Yes</td>
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<td>64742-57-0</td>
<td>Yes</td>
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<td>64741-88-4</td>
<td>Yes</td>
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<td>64742-01-4</td>
<td>Yes</td>
</tr>
</tbody>
</table>

State Regulations

U.S. State Regulations
The following components appear on one or more of the following state hazardous substances lists:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
<th>CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil (*related to: Oil mist, mineral)</td>
<td>Not Available</td>
<td>Yes¹</td>
<td>Yes¹</td>
<td>Yes¹</td>
<td>Yes¹</td>
<td>Yes¹</td>
</tr>
</tbody>
</table>

California
This product does not contain any chemical known to the State of California to cause cancer.
This product does not contain any chemical known to the State of California to cause birth defects or other reproductive harm.

Canadian Regulations
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.
### Component Analysis

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<thead>
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<th>Component</th>
<th>CAS #</th>
<th>CAN</th>
</tr>
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<tbody>
<tr>
<td>Lubricating oils, petroleum, hydrotreated spent</td>
<td>64742-58-1</td>
<td>DSL</td>
</tr>
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<td>Residual oils (petroleum), hydrotreated</td>
<td>64742-57-0</td>
<td>DSL</td>
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<td>DSL</td>
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</table>

### Canadian WHMIS Information
Not regulated.

### Canadian Environmental Protection Act (CEPA)
All the components of this product are listed on, or are automatically included as "substance occurring in nature" on, or are exempted from the requirements to be listed on, the Canadian Domestic Substances List (DSL).

### * * * Section 16 - Other Information * * *

### Label/Other Information
Not available.

### Revision Information
Reformat of MSDS. Includes all weight grades.

### Disclaimer
User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers. The data contained on this sheet apply to the product as supplier to the user.

End of Sheet 82729