

# Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/14/2009

Reviewed on 01/14/2009

## 1 Identification of substance

**Trade name:** METAL LUBRICANT & CLEANER  
**Product code:** PE00050002  
**Manufacturer/Supplier:** PRODUCTION PRODUCTS, INC.  
 30487 Potomac Way  
 Charlotte Hall, MD 20622  
 (301) 472-4200, www.ppduct.com  
**Information department:** Health & Safety Department  
**Emergency information:** CHEMTEL 1-800-255-3924, 813-248-0585 \*if located outside the U.S.\*

## 2 Composition/Data on components

**Chemical Description:** This product is a mixture of the substances listed below with nonhazardous additions.

### Dangerous components:

64742-47-8 Mineral Spirits	76.08%
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## 3 Hazards identification

**Physical dangers:** Flammable.  
**NFPA ratings (scale 0 - 4):** Health- 2  
 Flammability-3  
 Reactivity- 0  
**HMIS-ratings (scale 0 - 4):** Health- 2  
 Flammability- 3  
 Physical Hazard- 0

## 4 First aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**After skin contact:** Remove contaminated clothing. Wash exposed area with soap and water.  
**After eye contact:** Rinse opened eye for several minutes under running water.  
**After swallowing:** Contact physician or poison control center.

## 5 Fire fighting measures

**Protective equipment:** No special measures required.

## 6 Accidental release measures

**Personal safety precautions:** Wear protective equipment. Keep unprotected persons away.  
**Environmental safety precautions:** Inform appropriate authorities in case of seepage into water course or sewage system. Do not allow product to reach sewage systems or ground water.  
**Measures for cleaning/collecting:** Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

## 7 Handling and storage

**Safe handling information:** Prevent formation of aerosols.  
**Fire/explosion protection:** Do not smoke. Protect from electrostatic charges. Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.  
**Storage requirements:** Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.

## 8 Exposure controls and personal protection:

**Components with limit values that require monitoring at the workplace:**  
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.  
**Protective hygienic measures:** Wash hands after use.  
**Breathing equipment:** Not required.  
**Protection of hands:** Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

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**Trade name: METAL LUBRICANT & CLEANER**
**Eye protection:** Tightly sealed goggles

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## 9 Physical and chemical properties:

**General Information:**

**Color:** According to trade name description in section 1.  
**Odor:** Solvent  
**Boiling point/Boiling range:** 175°C

**Flash point:** -19°C

**Ignition temperature:** 210°C

**Auto igniting:** Product is not self-igniting.

**Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.

**Lower Explosion Limit:** 0.5 Vol %

**Upper Explosion Limit:** 6.5 Vol %

**Density at 20°C:** 0.83531 g/cm<sup>3</sup>

**VOC content:** 635.5 g/l / 5.30 lb/gl

**VOC content (less exempt solvents):** 76.1 %

**MIR value:** 76.1 %

**MIR Value:** 0.00

**Solids content:** 23.9 %

## 10 Stability and reactivity:

**Conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of Hazardous Reactions:** No dangerous reactions known.

## 11 Toxicological information:

**Primary effect on the skin:** No irritant effect.

**Primary effect on the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

## 12 Ecological information

**Other information:** This product does not contain any chlorofluorocarbons (CFC's), chlorinated solvents, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), or polybrominated diphenyl ether (PDBE). No specific ecological data is available for this product.

**Aquatic toxicity:** Hazardous for water, do not empty into drains.

## 13 Disposal considerations

**DISPOSAL METHOD:** Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

**Recommendation:** Completely empty cans should be recycled.

## 14 Transport information:

**Hazard class:** 2.1  
**Identification number:** UN1950  
**Label:** 2.1+6.1  
**ADR/RID class:** 2 5TF Gases  
**UN-Number:** 1950  
**IMDG Class:** 2.1  
**Packaging group:** -  
**EMS Number:** F-E,S-E  
**Marine pollutant:** No  
**ICAO/IATA Class:** 2.1  
**Proper shipping name:** AEROSOLS, flammable, containing substances in Division 6.1, Packing Group I or II

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## 15 Regulations

### SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

### SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

### TSCA (Toxic Substances

**Control Act):** All ingredients are listed.

### PROPOSITION 65 Chemicals known to cause cancer:

None of the ingredients in this product are listed.

### EPA:

A= Known human carcinogen      B= Probable human carcinogen

C= Possible human carcinogen

D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

A= Known human carcinogen

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C= Possible human carcinogen

D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

### IARC:

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

### ACGIH TLVs:

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

### NIOSH:

None of the ingredients is listed.

### Risk phrases:

Flammable.

### Safety phrases:

Keep out of the reach of children.

Keep away from sources of ignition - No smoking.

Do not breathe gas/fumes/vapour/spray.

Avoid contact with skin.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

Take precautionary measures against static discharges.

In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

If swallowed, seek medical advice immediately and show this container or label.

This material and its container must be disposed of as hazardous waste.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Contact:

Regulatory Affairs

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

VOC: Volatile Organic Compounds (USA, EU)