



SAFETY DATA SHEET

CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD
(HCS) 29 CFR 1910.1200

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Revision Date 10/3/2016
Supersedes Date 9/20/2016

SECTION 1. IDENTIFICATION

Product identifier: JAX Non-Chlorinated Brake Parts Cleaner (Aerosol)
Part number: JAX229
Identified uses: Brake parts cleaner
Uses advised against: Any use not specified above, or any use specified against elsewhere in this SDS.
Supplier: Pressure-Lube Inc. JAX
W134 N5373 Campbell Drive
Menomonee Falls, WI 53051 USA
Email contact: info@jax.com
Non-emergency contact: Phone: 262-781-7660 Fax: 262-781-3906
Emergency telephone: INFOTRAC:
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926
International 011-1-352-323-3500 (collect) China 400-120-0761

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Flammable Aerosol Cat. 1; Reproductive Toxicity Cat. 2; Eye Irritation Cat. 2; STOT SE Cat. 3; Gases under Pressure (Compressed Gas)

Label elements

Pictograms:



Signal word: Danger

Hazard statements: Extremely flammable aerosol. Suspected of damaging fertility or the unborn child. Causes serious eye irritation. May cause drowsiness or dizziness. Contains gas under pressure; may explode if heated.

Precautionary statements: Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/ protective clothing/ eye protection/ face protection. Wash skin thoroughly after handling. Avoid breathing fume/ mist/ vapors/ spray. Use only outdoors or in a well-ventilated area. If exposed or concerned: Get medical advice/ attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified: Not applicable.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Composition: | Chemical name | % | CAS # | Impurities |
|--------------|--|--------|------------|------------|
| | Acetone | 50-100 | 67-64-1 | None |
| | Carbon dioxide | 2.5-10 | 124-38-9 | None |
| | Naphtha (petroleum), hydrotreated light* | 2.5-10 | 64742-49-0 | None |
| | Toluene | 2.5-10 | 108-88-3 | None |
| | Methanol | <2.5 | 67-56-1 | None |

SECTION 4. FIRST-AID MEASURES

First aid measures

Eye contact: Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

Skin contact: Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.

Ingestion: If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation:

immediately.

Most important symptoms and effects, both acute and delayed: Suspected of damaging the unborn child. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment available: See First aid measures (above).

General information: No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.

Unsuitable extinguishing media: Do not use direct stream of water.

Specific hazards: Extremely flammable aerosol. Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.

Advice for firefighters: Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined space or as otherwise needed.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.

Methods for containment and cleaning up **Land spill:** Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.

Water spill: Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Keep away from heat and direct sunlight. Keep away from ignition sources - Do not smoke. Protect against electrostatic discharges. Ensure good ventilation/exhaustion at the workplace.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Observe official regulations on storing packagings with pressurized containers. Store away from oxidizing agents. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Rotate stock.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Workplace exposure limits:</u> | <u>Chemical name</u> | <u>Exposure limit and source</u> |
|--|--|---|
| | Acetone | Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm |
| | Carbon dioxide | Short-term value: 27400 mg/m ³ , 15000 ppm Long-term value: 9150 mg/m ³ , 5000 ppm |
| | Naphtha (petroleum), hydrotreated light* | Not available |
| | Toluene | Short-term value: 384 mg/m ³ , 100 ppm Long-term value: 191 mg/m ³ , 50 ppm |
| | Methanol | Short-term value: 333 mg/m ³ , 250 ppm Long-term value: 266 mg/m ³ , 200 ppm |

Exposure controls

Engineering controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.

Ventilation: Use in a well-ventilated area. See Engineering Controls.

- Personal hygiene:** Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
- Eye protection:** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
- Hand protection:** Any lined non-permeable rubber gloves.
- Respiratory protection:** Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--|---|--|----------------|
| <u>Appearance / odor:</u> | Colorless liquid with aromatic odor | <u>Upper flammability limit:</u> | Not available |
| | | <u>Lower flammability limit:</u> | Not available |
| <u>Physical state:</u> | Liquid and compressed gas in aerosol can | <u>Vapor pressure:</u> | Not available |
| <u>Odor threshold:</u> | Not available | <u>Vapor density:</u> | Not available |
| <u>pH:</u> | Not available | <u>Relative density:</u> | 0.74 (typical) |
| <u>Melting / freezing point:</u> | Not available | <u>Solubility in water:</u> | Not available |
| <u>Initial boiling point and boiling range:</u> | Not available | <u>Partition coefficient (n-octanol/water):</u> | Not available |
| <u>Flash point:</u> | Not available; however, product is classified as an extremely flammable aerosol | <u>Autoignition temperature:</u> | Not available |
| <u>Evaporation rate:</u> | Not available | <u>Decomposition temperature:</u> | Not available |
| <u>Flammability (solid, gas):</u> | Extremely flammable aerosol | <u>Viscosity:</u> | Not available |

SECTION 10. STABILITY AND REACTIVITY

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|---|--|
| <u>Reactivity:</u> | Not reactive under normal conditions. |
| <u>Chemical stability:</u> | Stable under recommended conditions. |
| <u>Possibility of hazardous reactions:</u> | Hazardous reactions are not expected to occur. |
| <u>Conditions and materials to avoid:</u> | Avoid sparks and other sources of ignition, open flames, high temperatures [above 120°F (49°C)], and direct sunlight. Avoid contact with strong oxidizers (such as liquid chlorine, halogens, hydrogen peroxide, and oxygen), selected amines, strong acids (such as nitric acid and sulphuric acid), strong bases and molten sulphur. |
| <u>Hazardous decomposition products:</u> | Carbon oxides can form on incomplete combustion. |

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

| | |
|-----------------------------|--|
| <u>Eye contact:</u> | Causes serious eye irritation. |
| <u>Skin contact:</u> | Suspected of damaging the unborn child. |
| <u>Inhalation:</u> | Suspected of damaging the unborn child. May cause drowsiness or dizziness. |
| <u>Ingestion:</u> | Suspected of damaging the unborn child. |

| <u>Component information:</u> | <u>Components</u> | <u>LD₅₀</u> | <u>LC₅₀</u> |
|--------------------------------------|--|-------------------------------|----------------------------------|
| | Acetone | 5800 mg/kg (oral, rat) | Not available |
| | Carbon dioxide | Not available | Not available |
| | Naphtha (petroleum), hydrotreated light* | Not available | Not available |
| | Toluene | 5000 mg/kg (oral, rat) | 5320 mg/l/4h (inhalation, mouse) |
| | Methanol | 5628 mg/kg (oral, rat) | Not available |

Information on physical, chemical and toxicological effects

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|-------------------------|---|
| <u>Symptoms:</u> | See Section 4 of this SDS for symptoms. |
|-------------------------|---|

Delayed and immediate effects, and chronic effects, from short and long-terms exposure

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|------------------------|---|
| <u>Effects:</u> | Suspected of damaging the unborn child. Causes serious eye irritation. May cause drowsiness or dizziness. |
|------------------------|---|

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Numerical measures of toxicity: Not determined

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

| <u>Component information:</u> | <u>Components</u> | <u>LEIC₅₀</u> |
|--------------------------------------|--|---------------------------------|
| | Acetone | Not available |
| | Carbon dioxide | Not available |
| | Naphtha (petroleum), hydrotreated light* | Not available |
| | Toluene | Not available |
| | Methanol | Not available |

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in soil: Not available

Other adverse effects: Not determined

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

| | <u>Proper Shipping Name:</u> | <u>UN Number:</u> | <u>Hazard Class:</u> | <u>Packing Group:</u> | <u>Remarks:</u> |
|---------------------------|-------------------------------------|--------------------------|-----------------------------|------------------------------|---|
| <u>U.S. D.O.T.</u> | Aerosols, flammable | UN1950 | 2.1 | None | Refer to Code of Federal Regulations, Title 49 (49 CFR) for additional information on provisions, packaging, and Limited Quantity exceptions. |
| <u>ADR/RID</u> | Aerosols, flammable | UN1950 | 2.1 | None | Tunnel Restriction D |
| <u>IMDG</u> | Aerosols, flammable | UN1950 | 2.1 | None | None |
| <u>IATA</u> | Aerosols, flammable | UN1950 | 2.1 | None | None |

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA Section 302 Extremely Hazardous Substances: This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:
None

SARA Section 304 CERCLA Hazardous Substances: Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA:
Toluene (CAS# = 108-88-3), RQ = 1000 lbs.
2-Propanone (CAS# = 67-64-1), RQ = 5000 lbs.
Methanol (CAS# = 67-56-1), RQ = 5000 lbs.

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:
Toluene CAS# = 108-88-3
Methanol CAS# = 67-56-1

TSCA Inventory: All components of this material are on the U.S. TSCA Inventory.

U.S. State Regulations

California Proposition 65 Status: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm.

California Proposition 65 Toluene CAS# = 108-88-3

Listed Components:**International Regulations**

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|---------------------|--|
| Canada: | This product has been classified in accordance with the hazard criteria of WHMIS 2015 and the SDS contains all of the information required by those regulations. |
| Japan MITI: | Not available |
| Australia: | Not available |
| Switzerland: | Not available |

SECTION 16. OTHER INFORMATION

Sections Revised: Section 2

Revision Date: 10/3/2016

The information and recommendations contained herein are, to the best of Pressure-Lube Inc. JAX's knowledge and belief, accurate and reliable as of the date issued. Pressure-Lube Inc. JAX makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and Pressure-Lube Inc. JAX shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with Pressure-Lube Inc. JAX's interpretation of the available data.

*** END OF SDS ***