

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

This SDS is used for the following Arcot products:

Arcot #9731 BRILLO Wood & Vinyl Rejuvenator (and other versions of 9731)

Arcot #9805 SHIELD Metal Lubricant, Penetrant & Rust Protector

Manufacturer: Arcot Manufacturing Corporation, 2950 Mowery Road, Houston, Texas, U.S.A. 77045

Emergency Response Telephone: 1-800-633-8253 (Account #9390)

Arcot Customer Service Telephone: 713-413-9700

Website: www.ArcotManufacturing.com

Recommended Use:

#9731: cleaner and polish for wood and vinyl surfaces

#9805: lubricant and rust protector

Restrictions on Use: Do not overuse. Do not apply to contact surfaces. Test before use.

2. HAZARDS IDENTIFICATION

GHS Classification:

Acute toxicity (Inhalation): Category 4

Skin corrosion/irritation: Category 2

Eye damage/irritation: Category 2A

Aspiration hazard: Category 1

GHS Label element

Hazard pictograms:



Signal Word: **DANGER**

Hazard statements:

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

Precautionary statements:

Prevention:

P233: Keep container tightly closed.

- P235: Keep cool.
 P261: Avoid breathing fumes, mist, vapors or spray.
 P262: Do not get in eyes, on skin, or on clothing.
 P264: Wash skin thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves and eye protection or face protection.

Response:

- P301 + P310 + P331: IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P302 + P352: IF ON SKIN: Wash with plenty of water and soap.
 P362 + P364: Take off contaminated clothing and wash it before reuse.
 P304 + P340 + P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
 P315: If any irritation persists, get immediate medical attention.
 P321: Specific Treatment (see label and section 4 of this SDS).
 P370: In case of fire: Use alcohol-resistant foam, carbon dioxide (CO₂) or dry chemical to extinguish.

Storage:

- P403: Store in a well-ventilated place.
 P405: Store locked up.
 P410: Protect from sunlight.

Disposal:

- P501: Dispose of contents and container to an approved waste disposal plant in accordance with applicable local, state, federal and international regulations.

Other Hazards: Slipping hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS # | Concentration |
|---|-------------|---------------|
| Proprietary Mixture | Proprietary | Proprietary |
| Ingredients are considered trade secrets; however, all hazardous aspects of the ingredients and of this mixture are considered and included. This SDS is used for a group of substantially similar mixtures. | | |

4. FIRST-AID MEASURES

General advice: Move out of dangerous area. Show this safety data sheet to the doctor in attendance.
 Symptoms may appear several hours later. Do not leave the victim unattended.

If inhaled: Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

In case of skin contact: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide (CO₂), dry chemical

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Do not allow run-off from firefighting to enter drains or water courses.

Hazardous combustion products: Carbon oxides

Specific extinguishing methods: Use a water spray to cool fully closed containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Contain spillage, and then soak up with inert, noncombustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in suitable, closed container for disposal according to local and national regulations (see section 13).

7. HANDLING AND STORAGE

Advice on safe handling: Avoid formation of aerosol. Do not breathe vapors. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Open containers carefully as content may be under pressure. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage: No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations and working materials must comply with the technological safety standards.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters: Contains no substances with occupational exposure limit values. We recommend standard mechanical ventilation.

Personal protective equipment:

Respiratory protection: No personal respiratory protective equipment normally required. In the case of vapor formation, use a respirator with an approved filter.

Hand protection Remarks: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection: Eye wash bottle with pure water. Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection: Impervious clothing. Choose body protection according to the amount of product used and exposure at the work place.

Hygiene measures: When using, do not eat, drink or smoke. Wash hands with mild soap and water before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | liquid |
| Color | clear, light yellow |
| Odor | citrus with solvent background |
| Odor Threshold | No data available |
| pH | No data available |
| Freezing Point | No data available |
| Boiling Point/Boiling Range | No data available |
| Flash point | > 200°F |
| Evaporation rate | <1 (n-butyl acetate = 1) |
| Flammability (solid, gas) | No data available |
| Burning rate | No data available |
| Upper explosion limit | 8.0 % (V) |
| Lower explosion limit | 0.6% (V) |
| Vapor pressure | No data available |
| Relative vapor density | No data available |
| Relative density (water = 1) | 0.8 |
| Density | approx. 6.8 Lb./Gal. |
| Bulk density | No data available |
| Water solubility | Negligible |
| Solubility in other solvents | No data available |
| Partition coefficient: n-octanol/water | No data available |

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|---------------------------|-------------------|
| Auto-ignition temperature | No data available |
| Thermal decomposition | No data available |
| Viscosity | No data available |

10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: None expected.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: during fires, carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity: LD50 (rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 401; GLP: yes

Acute inhalation toxicity: LC50 (rat, male and female): 10 mg/l
Exposure time: 4 h; Method: OECD Test Guideline 403; GLP: yes

Assessment: The component/mixture is moderately toxic after short-term inhalation.

Acute dermal toxicity: LD50 (rabbit, male and female): > 2,000 mg/kg
Method: Standard Acute

Skin corrosion/irritation: Irritating to skin.

Species: rabbit
Exposure time: 24 h; Method: In vivo;
Result: Irritating to skin; GLP: yes

Eye damage/irritation: causes serious eye irritation.

Respiratory or skin sensitization: Did not cause sensitization on laboratory animals.

Test Type: Buehler Test, Species: guinea pig, Method: OECD Test Guideline 406
Result: Did not cause sensitization on laboratory animals. GLP: yes

Germ cell mutagenicity: Component tests did not show mutagenic effects in animal experiments.

Genotoxicity in vitro: Test Type: Ames test; Test species: Salmonella typhimurium;
Metabolic activation: with and without metabolic activation;
Method: OECD Test Guideline 471; **Result: negative**; GLP: No data available

Genotoxicity in vivo: Test Type: Chromosome aberration assay in vivo;
Test species: rat (male and female); Application Route: Intraperitoneal;
Dose: 0.3, 1.0 and 3.0 g/kg; Method: OECD Test Guideline 475;
Result: negative; GLP: No data available

Germ cell mutagenicity - Assessment:

Did not show mutagenic effects in animal experiments.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Components are not classifiable as a human carcinogen.

Reproductive toxicity: Animal testing of components did not show any effects on fertility.

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| <p>Effects on fertility: Test Type: Fertility; Species: rat, male and female; Application Route: oral; Dose: M: 750, 1500, 3000 F: 325 mg/kg; General Toxicity - Parent: NOAEL: 750 mg/kg bw; General Toxicity F1: NOAEL: 750 mg/kg bw; Fertility: NOAEL: > 1,500 mg/kg; Symptoms: Reduced body weight; GLP: yes</p> <p>Effects on fetal development: Species: rat; Application Route: Inhalation; Dose: 1 mg/L; Duration of Single Treatment: 14 d; General Toxicity Maternal: NOAEC: > 1 mg/L; Developmental Toxicity: NOAEC: > 1 mg/L; Method: OECD Test Guideline 414; Result: No teratogenic effects. GLP: No data available</p> <p>Reproductive toxicity - Assessment: Fertility classification not possible from current data. Embryo toxicity classification not possible from current data.</p> |
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STOT - single exposure: No data available

STOT - repeated exposure: No data available

Repeated dose toxicity

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| <p>Species: rat, male and female: LOAEL: 25; Application Route: Inhalation; Exposure time: 4 wk; Number of exposures: 6 h/d, 5 d/wk; Dose: 25 mg/m³; Method: OECD Test Guideline 412; GLP: yes</p> <p>Species: rabbit, male and female: NOAEL: 1,000 mg/kg; Application Route: Dermal; Exposure time: 4 wk; Number of exposures: daily; Dose: 200, 1000, or 2000 mg/kg/bw; Method: OECD Test Guideline 410; GLP: yes; Symptoms: Dermatitis</p> |
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Aspiration toxicity: May be fatal if swallowed and enters airways.

Further information: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Product may degrease the skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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| <p>Toxicity to fish: (Oncorhynchus mykiss (rainbow trout)): 65 mg/l; Exposure time: 96 h; Test Type: static test; Analytical monitoring: no; Test substance: Information given is based on data obtained from similar substances; Method: OECD Test Guideline 203; GLP: yes</p> <p>Toxicity to daphnia and other aquatic invertebrates: EL50 (Daphnia magna (Water flea)): 210 mg/l; Exposure time: 48 h; Analytical monitoring: yes; Method: Static; GLP: yes</p> <p>Toxicity to algae: EL50 (Pseudokirchneriella subcapitata (green algae)): 25 mg/l; Exposure time: 72 h</p> <p>Ecotoxicology Assessment Acute aquatic toxicity: Toxic to aquatic life. Chronic aquatic toxicity: Toxic to aquatic life with long-lasting effects.</p> |
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Persistence and degradability

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| <p>Biodegradability: aerobic; Inoculum: activated sludge; Concentration: 5 mg/l; Result: Not readily biodegradable; Biodegradation: 35 %; Exposure time: 28 d</p> |
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Bioaccumulative potential

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| <p>Partition coefficient: n-octanol/water Remarks: not applicable</p> |
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Mobility in soil: No data available

Other adverse effects: No data available

Additional ecological information: According to 40 CFR Protection of Environment, Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances, this product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpart A, App. A + B). An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Waste from residues: Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

14. TRANSPORT INFORMATION

IATA (International Air Transport Association): Not regulated as a dangerous good

IMDG-Code: Not regulated as a dangerous good

DOT (Department of Transportation): Not regulated as a dangerous good

15. REGULATORY INFORMATION

OSHA Hazards

Moderate skin irritant, Aspiration hazard, Moderate eye irritant

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Acute Health Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

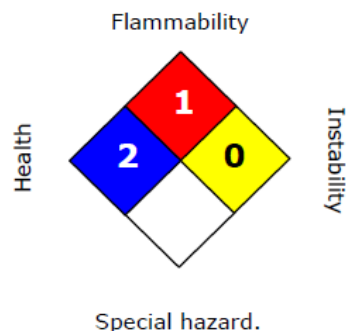
This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

16. OTHER INFORMATION

NFPA:



HMIS III:

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|------------------------|----------|
| HEALTH | 2 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

HMIS & NFPA ratings involve data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Abbreviations:

| | |
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| ACGIH | American Conference of Government Industrial Hygienists |
| CNS | Central Nervous System |
| CAS | Chemical Abstract Service |
| EC50 | Effective Concentration |
| EC50 | Effective Concentration 50% |
| EGEST | EOSCA Generic Exposure Scenario Tool |
| EOSCA | European Oilfield Specialty Chemicals Association |
| EINECS | European Inventory of Existing Chemical Substances |
| GHS | Globally Harmonized System |
| HCS | Hazard Communication Standard |
| IC50 | Inhibition Concentration 50% |
| IARC | International Agency for Research on Cancer |
| LC50 | Lethal Concentration 50% |
| LD50 | Lethal Dose 50% |
| LOAEL | Lowest Observed Adverse Effect Level |
| N.A. | Not Available or Not Applicable |
| NFPA | National Fire Protection Agency |
| NIOSH | National Institute for Occupational Safety & Health |
| NTP | National Toxicology Program |
| NOAEL | No Observable Adverse Effect Level |
| NOEC | No Observed Effect Concentration |
| OSHA | Occupational Safety & Health Administration |
| PEL | Permissible Exposure Limit |
| PRNT | Presumed Not Toxic |
| RCRA | Resource Conservation Recovery Act |
| RTECS | Registry of Toxic Effects of Chemical Substances |
| STEL | Short-term Exposure Limit |
| SARA | Superfund Amendments and Reauthorization Act. |
| TLV | Threshold Limit Value |

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| TWA | Time Weighted Average |
| TSCA | Toxic Substance Control Act |
| UVCB | Unknown or Variable Composition, Complex Reaction Products, and Biological Materials |
| WHMIS | Workplace Hazardous Materials Information System |

DISCLAIMER: The information contained herein is based upon data obtained from sources believed to be reliable and reflects our best professional judgment. Since it is impossible to anticipate all of the conditions under which our products may be used, we do not guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his or her particular purpose and should comply with all federal, state and local regulations. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. We shall not be held liable for any damage resulting from handling or from contact with the above product or from improper use of our products. We do not provide any warranties, expressed or implied, and do not assume any responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data relevant to your particular use. We update SDS and labels on a regular basis. Please do not hesitate to contact us for current information.

Revision Date: August 3, 2016