

SECTION 1. IDENTIFICATION

| | |
|------------------------|--|
| Product Name | ORIGINAL BIKE SPIRITS SPRAY CLEANER & POLISH |
| Material number | AJ3719 |
| Recommended use | Spray cleaner & polish |
| Australian Distributor | Velocity Vehicle Care Pty Ltd 10 Holmwood Rd, Tottenham, VIC, 3012 Ph: 1300 990 074 Fax: 03 8669 4179 Email: orders@velocityvehiclecare.com |
| Emergency Number | Australia: 1800 127 406 |
| NZ Distributor | Velocity Vehicle Care NZ Ltd Level 4 3 London St, Hamilton, 3204 Phone: 0800 483 562 (0800 4 VELOC) Fax: 07 974 9540 Email: orders@velocityvehiclecare.com |
| Emergency Number | New Zealand: 0800 243 622 |
| Overseas Supplier | Zep Inc |

SECTION 2. HAZARDS IDENTIFICATION

Dangerous Goods Classification

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code 7th ed.) for transport by Road and Rail. Classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

GHS Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) 7th ed.

Aerosols Category 2

Specific target organ toxicity (repeated exposure) Category 2

Skin Irritation Category 2

GHS label elements

Hazard pictograms



Signal Word

WARNING

Hazard statements

H223 Flammable aerosol

H229 Pressurised container: may burst if heated

H315 Causes skin irritation

H372 Causes damage to the central nervous system through prolonged or repeated exposure

AUH066 Repeated exposure may cause skin dryness and cracking

Precautionary statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn even after use.

P260 Do not breathe fumes, gases, mists, vapours or spray.

P264 Wash exposed skin thoroughly after handling.

P280 Wear protective gloves.

Response:

P302 + P352 **IF ON SKIN:** Wash with plenty of water

P332 + P313 If skin irritation occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash before re-use.

P304 + P340 + P310 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor or medical centre.

P314 Get medical advice if you feel unwell.

Storage:

P410 + P412 Protect from sunlight. Do NOT expose to temperatures exceeding 50°C.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

| Chemical name | CAS-No. | Concentration [%] |
|---|------------|-------------------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | ≥ 5 - < 10 |
| Stoddard solvent | 8052-41-3 | ≥ 5 - < 10 |
| Propane | 74-98-6 | ≥ 1 - < 5 |
| Butane | 106-97-8 | ≥ 1 - < 5 |
| Amides, tall-oil fatty, N,N-bis(hydroxyethyl) | 68155-20-4 | ≥ 1 - < 5 |
| Sodium nitrite | 7632-00-0 | ≥ 0.1 - < 1 |

The exact percentages of disclosed substances are withheld as trade secrets.

SECTION 4. FIRST AID MEASURES

General advice

Move out of dangerous area.

Consult a physician.

Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

If inhaled

Remove to fresh air and keep at rest in a position comfortable for breathing.

- Do not leave the victim unattended.

- Keep patient warm and at rest.

- Immediately seek medical attention.

- If breathing is difficult, give oxygen.

- If unconscious place in recovery position and seek medical advice.

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- In the event of unconsciousness, apnoea or cardiac arrest (no pulse) apply cardiopulmonary resuscitation.

In case of skin contact

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. If skin irritation develops get medical advice.

In case of eye contact

Remove contact lenses if present and easy to do so. Rinse eyes immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation develops, get medical advice.

If swallowed

Rinse mouth with water.
Keep respiratory tract clear.
DO NOT induce vomiting unless directed to do so by a physician or poison control centre.
Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Effects are immediate and delayed.
Symptoms may include irritation, itching, dry skin, scaly skin. Deliberately concentrating and inhaling this product may cause dizziness, headache, loss of coordination, loss of consciousness, coma and death. Effects are dependent on exposure (dose, concentration, contact time).

Notes to physician

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Contains asphyxiant High vapor concentrations may cause central nervous system (CNS) depression with symptoms - such as dizziness, weakness, headache, loss of coordination, loss of consciousness, coma and death.

SECTION 5. FIREFIGHTING MEASURES

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| Suitable extinguishing media | Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical |
| Unsuitable extinguishing media | High volume water jet |
| Specific hazards during firefighting | Flammable aerosol. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol cans may explode at temperatures exceeding 50°C. Eliminate all ignition sources, including cigarettes, open flames, spark producing switches/tools, heaters, pilot lights, mobile phones, etc when handling. |
| Hazardous combustion products | Carbon dioxide (CO ₂) Carbon monoxide Sodium oxides Smoke Fumes Unburned hydrocarbons |
| Specific extinguishing methods | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |

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| Further information | Evacuate area. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Use water fog to cool intact containers and nearby storage areas. |
| Special protective equipment for firefighters | Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | Use personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation. Eliminate all ignition sources if safe to do so (e.g., electricity, sparks, fires, flares). Use only non-sparking tools. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Enter area only if strictly necessary. A combustible gas detector can be used to check for flammable gas or vapours. |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. |
| Methods and materials for containment and cleaning up | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

SECTION 7. HANDLING AND STORAGE

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|-----------------------------|---|
| Advice on safe handling | Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas |
| Conditions for safe storage | BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Keep in a cool, well-ventilated place. Store in a manner that prevents aerosol cans from becoming missiles in the event of fire. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. |
| Materials to avoid | Oxidising agents |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------------|-----------|----------------------------------|--|------------|
| Stoddard solvent | 8052-41-3 | TWA | 790 mg/m ³ | SWA |
| | | TWA | 100 ppm / 525 mg/m ³ | NZ WES |
| Propane | 74-98-6 | | Asphyxiant | SWA/NZ WES |
| Butane | 106-97-8 | TWA | 800 ppm / 1900 mg/m ³ | SWA/NZ WES |

Engineering measures

Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable vapours may accumulate in poorly ventilated or confined areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standards.

Personal protective equipment

Respiratory protection

Wear an organic gases/vapours and particulate respirator if ventilation is insufficient to keep vapour levels below exposure standards.

Hand protection

Chemical resistant gloves e.g. neoprene or nitrile rubber

Eye protection

Safety glasses with side shields or chemical goggles.

Skin and body protection

Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

Hygiene measures

When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------|------------------------------------|
| Appearance | Aerosol containing a liquefied gas |
| Colour | opaque, white |
| Odour | characteristic |
| Odour Threshold | No data available |
| pH | Not applicable |
| Melting point/freezing point | No data available |
| Boiling point | No data available |
| Flammability | Flammable aerosol |
| Evaporation rate | No data available |

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| Upper explosion limit | No data available |
| Lower explosion limit | No data available |
| Vapour pressure | No data available |
| Relative vapour density | No data available |
| Density | 0.95 g/cm ³ |
| Water solubility | Dispersible |
| Solubility in other solvents | Not determined |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | Not determined |
| Thermal decomposition | No data available |
| Viscosity, kinematic | > 10,000 mm ² /s (40 °C) |

SECTION 10. STABILITY AND REACTIVITY

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|------------------------------------|--|
| Reactivity | Stable |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | Vapours may form explosive mixture with air.. |
| Conditions to avoid | Heat, flames and sparks. |
| Incompatible materials | Oxidizing agents |
| Hazardous decomposition products | Carbon oxides Sodium oxides When heated to decomposition |

SECTION 11. TOXICOLOGICAL INFORMATION

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|---|--|
| Information on possible routes of exposure | Possible workplace exposure routes are: Inhalation, eye contact, skin contact |
| Acute symptoms related to exposure | |
| Eye | Vapours may cause irritation to the eyes |
| Skin | Irritating to skin. |
| Inhalation | Over exposure may result in irritation of the nose and throat, coughing and headache. Deliberately concentrating and inhaling this product can result in dizziness, headache, loss of coordination, loss of consciousness, coma and death. |
| Ingestion | Ingestion is considered unlikely due to product form. |
| Acute oral toxicity | Acute toxicity estimate: >5000 mg/kg Method: Calculation method |

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|-----------------------------------|---|
| Acute inhalation toxicity | Not determined |
| Acute dermal toxicity | No data available |
| Skin corrosion/irritation | Skin irritant |
| Serious eye damage/eye irritation | No data available |
| Respiratory or skin sensitisation | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity | No data available |
| Reproductive toxicity | No data available |
| STOT - single exposure | No data available |
| STOT - repeated exposure | May cause damage to the central nervous system through prolonged or repeated exposure |
| Aspiration toxicity | No data available |
| Components (Ingredients) | |
| Acute oral toxicity | Amides, tall-oil fatty, N,N-bis(hydroxyethyl) LD50 rabbit: 2,200 mg/kg Propane/Butane are gases at room temperature and pressure therefore consideration of oral toxicity is not considered relevant in this context. Distillates (petroleum), hydrotreated light LD50 rat > 5000 mg/kg bw |
| Acute inhalation toxicity | Distillates (petroleum), hydrotreated light LC50 rat > 5.28 mg/L vapour |
| Acute dermal toxicity | Amides, tall-oil fatty, N,N-bis(hydroxyethyl) LD50 rabbit: 12,200 mg/kg Propane/Butane are gases at room temperature and pressure therefore consideration of dermal toxicity is not considered relevant in this context. Distillates (petroleum), hydrotreated light LD50 rat > 2000 mg/kg bw |
| Skin corrosion/irritation | Distillates (petroleum), hydrotreated light irritating to rabbit skin |
| Serious eye damage/eye irritation | Distillates (petroleum), hydrotreated light non-irritating to rabbit eyes |
| Respiratory or skin sensitisation | Distillates (petroleum), hydrotreated light no adverse effect observed (not sensitising to skin) |
| Germ cell mutagenicity | No data |
| Carcinogenicity | No data |
| Reproductive toxicity | No data |
| STOT - repeated exposure | Stoddards solvent May cause damage to the central nervous system through prolonged or repeated exposure May cause skin dryness and cracking |

SECTION 12. ECOLOGICAL INFORMATION

| | |
|--|-----------------------|
| Ecotoxicity | no data available |
| Toxicity to fish | no data available |
| Toxicity to daphnia and other aquatic invertebrates | no data available |
| Toxicity to algae | no data available |
| Components (Ingredients) | |
| Toxicity to fish | no data available |
| Toxicity to daphnia | no data available |
| Toxicity to algae | no data available |
| Persistence and degradability | no data available |
| Bioaccumulative potential | No data |
| Partition coefficient: n-octanol/water | butane : Pow: 2.89 |
| Mobility in soil | no data available |

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

| | |
|------------------------|---|
| Waste from residues | The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. |
| Contaminated packaging | Empty remaining contents. Dispose of as unused product. Do not puncture or incinerate aerosol cans. |

SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport

Classified as **Dangerous Goods** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail. Classified as a **Dangerous Good** according to NZS 5433:2012 Transport of Dangerous Goods on Land.

| | |
|----------------------|--------------|
| UN | 1950 |
| Class | 2.1 |
| Sub risk | n/a |
| Packing Group | Not assigned |
| Proper shipping name | Aerosols |
| HAZCHEM | 2YE |

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Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

| | |
|----------------------|--------------|
| UN | 1950 |
| Class | 2.1 |
| Sub risk | n/a |
| Packing Group | Not assigned |
| Proper shipping name | Aerosols |
| EMS/Spill | F-D, S-U |

Marine Pollutant No

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

| | |
|----------------------|--------------|
| UN | 1950 |
| Class | 2.1 |
| Sub risk | n/a |
| Packing Group | Not assigned |
| Proper shipping name | Aerosols |

SECTION 15. REGULATORY INFORMATION

| | |
|---------------------------|--|
| AICS | All substances listed |
| POISONS SCHEDULE | Not scheduled |
| NZ Approval code | Aerosols (Flammable) Group Standard 2020. The HSNO Approval Number is HSR002515. |
| United States TSCA | On TSCA Inventory |

SECTION 16. OTHER INFORMATION**Acronyms**

| | |
|-------------|--|
| AICS | Australian Inventory of Chemical Substances |
| SWA | Safe Work Australia |
| NZ | New Zealand |
| IARC | International Agency for Research on Cancer |
| WES | Workplace Exposure Standards |
| GHS | Globally Harmonised System of Classification and Labelling of Chemicals |
| HSNO | Hazardous Substances and New Organisms |
| EMS | Emergency Spill Procedures |
| STOT | Specific Target Organ Toxicity |
| TWA | Time Weighted Average |
| STEL | Short-Term Exposure Limit |
| CAS | Chemical Abstracts Service |

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| Version: | 2.0 |
| Revision Date: | 25 Aug 2021 |
| Print Date: | 1-Sep-21 |

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