

# Material Safety Data Sheet

**Product:** Bushman Anti-Itch  
**Company:** Juno Limited

**Date Prepared:** 18 November 2011  
**Replaces:** New

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## 1 Identification

**Product Name:** Bushman Anti-Itch  
**Other Names:**  
**Uses:** Soothing gel  
**Supplier Name:** Juno Limited  
**Address:** Suite 1, Level 2,  
38-40 George Street,  
Parramatta, NSW 2150  
**Telephone:** 0422 300 747 (24 hours)

## 2 Hazards Identification

Not classified as hazardous according to the criteria of Work Safe Australia  
Not classified as dangerous goods according to criteria published in the Australian Dangerous Goods Code.

### Risk Phrases:

None applicable

### Safety Phrases:

S25: Avoid contact with eyes.

## 3 Composition / Ingredients

<u>Identity (Other Names)</u>	<u>CAS Number</u>	<u>Proportion (w/w)</u>
Purified water	7732-18-5	>75%
Propylene glycol	57-55-6	10-30%
Witch hazel	Mixture	<10%
Polysiloxane	Proprietary	<5%
Chamomile extract	Mixture	<5%
Methyl cellulose	9004-65-3	<5%
Aloe vera extract	Mixture	<5%
Allantoin	97-59-6	<1%
Centrimide	1119-97-7	<1%
Sodium chloride	7647-14-5	<1%
DMDM hydantoin	6440-58-0	<1%
Tetrasodium EDTA	64-02-8	<1%
Methyl paraben	99-76-3	<1%
Propyl paraben	94-13-3	<1%
Sodium hydroxide <sup>§</sup>	1310-73-2	<0.01%

<sup>§</sup> Sodium hydroxide is added to adjust pH. No or minimal amounts remain in the final product.

## 4 First Aid Measures

**Swallowed:** Rinse mouth. Do NOT induce vomiting. Get medical

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advice/attention if you feel unwell.

**In Eye:** 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.

**On Skin:** No treatment normally required (designed for application to skin). Excess product should be washed off using soap and water. If skin irritation occurs: Get medical advice/attention.

**Inhaled:** No treatment normally required. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

**Advice to Doctor** Treat symptomatically

## 5 Fire Fighting Measures

**Flammability** Not flammable. Powder remaining after liquids evaporated in fire may be combustible.

**Extinguishing Media:** Use extinguishing media suitable for underlying fire. Foam, dry chemical, CO<sub>2</sub> or water fog are suitable.

**Hazardous Combustion Products:** Heating to decomposition can produce irritating and asphyxiating gases including carbon dioxide and carbon monoxide.

**Precautions for Fire Fighters:** Wear self-contained breathing apparatus and protective clothing.

**Hazchem Code:** None assigned.

## 6 Accidental Release Measures

**Emergency Procedures:** Exclude non-essential personnel from spill site

**Containment of Spill:** Cover with absorbent material. Collect into clean, dry, labelled containers for disposal in accordance with local regulations. Spill area can be washed with water. Do not allow material or wash waters to enter waterways.

## 7 Handling and Storage

**Precautions for Safe Handling:** Product is designed for application to the skin. Avoid contact with eyes.

**Conditions for Safe Storage:** Store out of reach of children.

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## 8 Exposure Controls / Personal Protection

**Exposure Standards:** Contains propylene glycol. TWA (vapour and particulates) = 474 mg/m<sup>3</sup> (Safe Work Australia)

**Engineering Controls:** Local exhaust and/or mechanical exhaust.

**Personal Protective Equipment:** Not normally required. Product is intended for application to skin. In manufacturing environment, wear chemical resistant gloves and protective clothing to minimise skin contact.

## 9 Physical and Chemical Properties

**Appearance:** Clear, essentially colourless to very slight cream colour. Thick flowing gel.

**Odour:** Neutral to slightly acid. Virtually odourless.

**pH:** 6.4-6.8

## 10 Stability and Reactivity

**Chemical Stability:** Stable under normal conditions. Hazardous polymerisation not known to occur with any of the ingredients in the product.

**Conditions to Avoid:** Excessive heat.

## 11 Toxicological Information

### Acute

**Swallowed:** Low toxicity. Ingestion may result in gastrointestinal irritation.

**In Eyes:** May irritate eyes.

**On Skin:** No effects likely - in rare cases, may cause irritation.

**Inhaled:** Product has relatively low toxicity but can irritate eyes and mucous membranes.

**Chronic** None known

## 12 Ecological Information

**Ecotoxicity:** No information available for product. Individual ingredients are not considered toxic in the aquatic environment at concentrations present in the product.

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## 13 Disposal Considerations

**Disposal Methods:** **Small quantities:** Small quantities may be disposed of in household garbage.  
**Large quantities:** Dispose of according to relevant regulations.

## 14 Transport Information

**UN Number:** Not Dangerous Goods  
**Proper Shipping Name:** None assigned  
**Class (Subsidiary Risk):** None assigned  
**Packing Group:** None assigned  
**Hazchem Code:** None assigned

## 15 Regulatory Information

**Poison Scheduling:** Not Scheduled

## 16 Other Information

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### Glossary

**ACGIH** - American Conference of Governmental and Industrial Hygienists.

**ASCC** - Australian Safety and Compensation Commission.

**BCF - Bioconcentration Factor** - ability to accumulate a chemical in an organism to levels greater than in the surrounding medium. Calculated by dividing the concentration of a chemical in an organism by the concentration in the surrounding medium.

**EC<sub>50</sub>** - median effective concentration. The concentration of a substance that courses a specified response/effect in an organism or population.

**Explosive Limits** - The range of concentrations (% by volume in air) of a flammable gas or vapour that can result in an explosion in a confined space.

**K<sub>oc</sub>** - the organic carbon partition coefficient (mL soil water /g organic carbon).

**LC<sub>50</sub>** - Lethal Concentration 50%. The concentration of a substance that kills 50% of a target population.

**LD<sub>50</sub>** - Lethal Dose-50%. The dose of a substance that kills 50% of a target population.

**NOAEL** - The highest dose or concentration of a substance used in a test/study that does not produce any observable adverse effects in the target organism.

**NOEL** - The highest dose call concentration of a substance used in a test/study that does not produce any observable effects in the target organism.

**pH** - Measure of how acidic or alkaline a material is using a 1 - 14 scale. pH 1 is strongly acidic and pH 14 strongly alkaline.

**Polymerisation** - a chemical reaction in which molecules (monomers) combine to form larger molecules (polymers). A hazardous polymerisation reaction is one that occurs at a fast rate and releases large amounts of energy.

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**P<sub>ow</sub>** - The octanol-water partition coefficient. The ratio of the concentration of octanol and in water at equilibrium and at a specified temperature used in environmental studies to indicate fate of chemicals and the environment.

**STEL** - Short-Term Exposure Limit. The maximum concentration of a substance that workers can be exposed to for periods up to 15 minutes without adverse effects e.g. irritation, tissue damage, narcosis (drowsiness or unconsciousness).

**TWA** - Time Weighted Average. The time weighted average concentration of a substance that most workers may be repeatedly exposed to over a 8-hour or 40-hour week without adverse effect.

## References

Prepared using data supplied by manufacturer, ingredient suppliers and public databases.