



## SAFETY DATA SHEET

Revised: 09/02/2009

<b>Product:</b>	<b>Skunkshot Gel</b>
<b>Company:</b>	Connovation Limited
<b>Address:</b>	36B Sir William Avenue East Tamaki Manukau 2013 New Zealand
<b>Telephone:</b>	+64 9 273 4333
<b>Fax:</b>	+64 9 273 4334
<b>Website</b>	<a href="http://www.connovation.co.nz">www.connovation.co.nz</a>
<b>Emergency Telephone</b>	+64 0800-764-766
<b>National Poisons Centre</b>	+64 3 479-7248

### Chemical Identification

Common Name	IUPAC Name	C.A.S Number	Empirical Formula	Molecular Weight	UN Class	UN Number
Butane thiol	n-butane thiol	109-79-5	C <sub>4</sub> H <sub>10</sub> S	90	3	2347
Isoamyl Mercaptan	3-methyl-1-butane thiol	541-31-1	C <sub>5</sub> H <sub>12</sub> S	104	3	3336
Crotyl Mercaptan	trans-but-2-ene-1-thiol	58688-79-2	C <sub>4</sub> H <sub>8</sub> S	88	3	3336
Shell Snow White Vaseline	N/A	8009-03-8	C <sub>n</sub> H <sub>2n+2</sub>		N/A	N/A

### Chemical Properties

	n-butane thiol	3-methyl-1 butane thiol	trans-but-2-ene-1-thiol	Vaseline
Colour	Clear	Clear	Clear	Clear
Physical State	Liquid	Liquid	Liquid	Gel
Boiling Point	98C	117-118C	92-94C	343C
Specific Gravity	0.842	0.835	0.85	
Flash Point	12C	18C	32C	199C
Hazardous Decomposition Compounds	Carbon monoxide Hydrogen sulfide (g) Sulfur oxides	Carbon monoxide Hydrogen sulfide (g) Sulfur oxides	Carbon monoxide Hydrogen sulfide (g) Sulfur oxides	Not Specified

Product Details			
IUPAC Name	C.A.S Number	Formulation conc	Purpose
n-butane thiol	109-79-5	L	Repellent odour
3-methyl-1 butane thiol	541-31-1	L*	Repellent odour
trans-but-2-ene-1-thiol	58688-79-2	L*	Repellent odour
Shell Snow White Vaseline	8009-03-8	H	Carrier

H>60% M= 10-60% L=<10% \*<5%

### Health Hazard Information

#### Hazard Identification

The aluminium containers used for this packaging can withstand normal wear and tear but can be damaged if forced against a sharp object. The odour released will immediately alert people that a tube has been damaged and the contents exposed. The contents of the tube are offensive in odour and in isolated cases may cause some irritation to the mucous membranes.

### Potential Health Effects

	Effects	Treatment
<b>Gel in Eye (Direct discharge)</b>	Slight irritation is likely; however some people will not be affected.	Using a clean sterile cloth remove as much gel as possible from the eye. Flood the eye gently with water. If any irritation occurs seek medical advice.
<b>Liquid on skin (Direct discharge)</b>	Highly susceptible people may suffer slight skin irritation, however this is unlikely.	Remove contaminated clothing. Wash affected area with warm soapy water and dry. Repeated washes may be required to remove the skunk odour.
<b>Odor</b>	The odor is offensive and hyper-sensitive people may notice irritation of the mucous membranes.	Remove victim to fresh air. If irritation continues seek medical advice.

### Precautions for Use

Ensure the product is used outdoors. Avoid contact with skin and eyes. Keep out of reach of children.

### Safe Handling Information

**Road/Rail:** Safe to handle and transport.  
**Sea:** Safe to handle and transport.  
**Air:** Safe to handle and transport.

**Storage:** Keep out of reach of children. Store in a cool dark place out of direct sunlight.

**Spill Control:** Ventilate the area. Isolate leaking containers by removing outdoors. . Gel can be wiped up or scooped up and placed in an airtight container to contain the odor. The sealed container which can then be disposed of at a landfill.

- Disposal of Empty Containers:** Tubes can be disposed in suitable landfills in accordance with local regulations. Do not burn tubes even when empty.
- Environmental Impact:** Not expected to cause any adverse environmental impacts because of its low use rate and low toxicity.
- Fire/Explosion:** Containers may rupture in the heat of a fire. Petrolatum jelly has a minimal fire risk with a flash point of 185 C
- Decomposition Products:** Carbon monoxide, Hydrogen sulfide, Sulfur oxides.
- Firefighting Procedures:** Fight fire from maximum distance or protected area. Keep containers cool with water spray. Use water spray to disperse vapor. Protect personnel against bursting containers. Breathing apparatus is recommended for firefighters.
- Extinguishing Media:** Foam, CO2 Dry Chemical or water Fog. Do not use water jet.

The information contained is given in good faith. No warranty, expressed or implied is made. Any use of this data and information must be determined by the user to be in accordance with applicable Government laws and regulations.