



## Section 1: Identification of the Material and Supplier

**Product Name:** Hot Shot

**Other Names:** Compounded fragrance mixture.

**Proper shipping name (ADG Code):** None assigned.

**Recommended use:** As an additive perfume.

**Supplier:** Hunters Products (TAS) Pty. Ltd.,  
A.C.N. 004 601 263

**HEAD OFFICE**  
60 Gleadow Street,  
INVERMAY TAS 7248  
Tel: 03 6331 4755  
Fax: 03 6334 1065

**HOBART OFFICE**  
105 Albert Road,  
MOONAH TAS 7009  
Tel: 03 6228 7955  
Fax: 03 6228 7988

**BURNIE OFFICE**  
22 Pearl Street,  
WIVENHOE TAS 7320  
Tel: 03 6431 9627  
Fax: 03 6432 2083

**Emergency Phone Numbers:**  
Transport/Fire Emergency: 000 (Emergency services)  
Medical Emergency: 131126 (Poisons Information Centre)

## Section 2: Hazards Identification

Classified as hazardous according to criteria of Worksafe Australia.  
Non-dangerous goods.

**Risk Phrases:** R: 20/22 Harmful by inhalation and if swallowed.  
R: 43 May cause sensitisation by skin contact.

**Safety Phrases:** S: 23 Do not breathe vapours.  
S: 24/25 Avoid contact with skin and eyes.  
S: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S: 36/37 Wear suitable protective clothing and gloves.

## Section 3: Composition/Information on Ingredients

**Ingredients:**

Diethyl phthalate	[84-66-2]	30 - 60 %
Benzyl alcohol	[100-51-6]	10 - 30 %
Ionone	[8013-90-9]	< 10 %
Other ingredients deemed not to be hazardous		to 100 %

## Section 4: First Aid Measures

**For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.**

**Swallowed:** If swallowed, do NOT induce vomiting.

**Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Inhaled:** Remove from exposure, rest and keep warm. Seek medical advice.

### **First Aid facilities:**

**Recommended:** Eye wash. Hand wash basin.

### **Advice to Doctor:**

Product is a fragrance mixture containing a moderate proportion of benzyl alcohol, and a low proportion of ionone. Harmful by inhalation and if swallowed. May cause sensitisation by skin contact and by inhalation. Contact Poisons Information Centre.

### **Aggravated medical conditions:**

Prior sensitisation to ionones.

## Section 5: Fire Fighting Measures

**HAZCHEM Code:** None assigned.

**Evacuate:** No.

**Extinguishant:** Foam or dry agent.

**Risk of violent reaction or explosion:** No.

**Products of combustion:** Oxides of carbon, black smoke.

**Protective Equipment:** Breathing apparatus and protective gloves for fire only.

## Section 6: Accidental Release Measures

### **Emergency Procedures:**

Contain. Shut off all sources of ignition.  
Increase ventilation.

**For large spills:**

Contain spillages with sand or earth. Transfer both liquid and solids to suitable container(s). Treat residues as for small spills.

**For small spills:**

Absorb on inert absorbent and transfer to suitable closed container. Wash site of spillage thoroughly with water and detergent. Ventilate area to dispel any residual vapours.

## Section 7: Handling and Storage

**Precautions for safe handling:**

Avoid contact with skin and eyes.  
 Avoid breathing concentrated vapours.  
 Keep away from naked flames and other sources of ignition.

**Conditions for safe storage:**

Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded flammables store. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from naked flames and other sources of ignition. Prevent vapours from collecting in enclosed or low lying spaces. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

**Incompatibles:**

Oxidising agents.

## Section 8: Exposure Controls/Personal Protection

**National Exposure Standards:**

<b>ES-TWA:</b>	Diethyl phthalate	5 mg/m <sup>3</sup>	[NOHSC]
	Not assigned by NOHSC, but see also:		
	Benzyl alcohol	5 mg/m <sup>3</sup>	[Russia]
<b>ES-STEL:</b>	None assigned by NOHSC, but see:		
	Diethyl phthalate	10 mg/m <sup>3</sup>	[UK, Finland]
<b>ES-PEAK:</b>	None assigned.		
<b>Notations:</b>	None assigned by NOHSC, but see:		
	Diethyl phthalate	Skin	[Finland]
	Benzyl alcohol	Skin	[Russia]

*[Skin] indicates that this material may be absorbed via unbroken skin, and any such contact may invalidate the TLV.*

*[Peak] indicates a ceiling concentration which should not be exceeded, even momentarily.*

**Biological Limit Values:** No data found.

**Engineering Controls:**

Use flame proof equipment where available.  
Ensure adequate ventilation (same as outdoors) when using.  
If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.

**Personal Protective Equipment:**

Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

**Normal Use:**

Eye/face protection  
Gloves, rubber or plastic.

**Industrial Quantities:**

Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls.

## Section 9: Physical and Chemical Properties

Appearance:	Mobile liquid.
Odour:	Strawberry aroma.
pH:	No data.
Vapour Pressure:	No data.
Vapour Density:	Vapours will be heavier than air.
Boiling Point:	No data.
Melting Point:	No data.
Volatiles:	< 40 %
Volatile Organic Compounds (VOC):	< 40 %
Evaporation Rate:	No data.
Solubilities:	Almost insoluble in water.
Specific Gravity/Density:	1.0 - 1.1 g/mL @ 20 °C
Flash Point:	> 65 °C
Flammable Limits:	From 0.7 % (at elevated temperatures)
Dust Explosion:	Not applicable.
Auto-ignition Temperature:	No data found.

**Other Information:**

Organic mixture. May react with strong oxidising agents, concentrated mineral acids, caustic alkalis. May decompose slowly on exposure to air. Slippery when spilled.

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Incompatible materials, air.

**Incompatible Materials:** Oxidising agents, mineral acids, caustic alkalis.

**Hazardous Decomposition Products:** Oxides of carbon, noxious fumes.

**Hazardous Reactions:** Contact with strong oxidising agents may cause fire.

## Section 11: Toxicological Information

**Health Effects:**

No data available for the mixture. Information presented relates to individual ingredients.

**Acute:**

**Swallowed:** Harmful if swallowed. Likely to cause gastric upset, abdominal pain, dizziness, nausea, vomiting and diarrhoea. Very large doses may be fatal.

**Skin:** May be irritating to skin. May cause redness, itching and pain. Will decrease the skin. May be absorbed directly through the skin. May cause sensitisation, allergy and dermatitis.

**Eyes:** May be irritating to eyes. May cause redness, pain and possible corneal damage.

**Inhaled:** Harmful by inhalation. May be irritating to the upper respiratory system. May cause dizziness, dullness and nausea. May be narcotic at very high concentrations.

**Chronic:** Repeated exposure to diethyl phthalate may cause nerve damage, with pain, numbness or weakness in the arms and legs. May cause, or develop, an allergic reaction, similar to asthma, in sensitive individuals. Diethyl phthalate has been linked with adverse reproductive effects in experimental animals, including birth defects and fertility changes. **(1)(2)(3)**

Over-exposure to benzyl alcohol may cause lung damage, liver and kidney effects.

Ionones may cause sensitisation by inhalation and by skin contact.

<b>LD<sub>50</sub> :</b>	Diethyl phthalate	8,600 mg/kg oral, rat. 6,172 mg/kg oral, mouse.
	Other ingredient #1	14,800 mg/kg oral, rat.
	Benzyl alcohol	1,230 mg/kg oral, rat. 2,000 mg/kg skin, rabbit.
<b>TDLo:</b>	Diethyl phthalate	375 µL/kg oral, man - pupilliary constriction, general anaesthetic, dyspnea.
<b>TCLo:</b>	Diethyl phthalate	1,000 mg/m <sup>3</sup> , human - lachrymation, cough, other respiratory changes.

## Section 12: Ecological Information

<b>Ecotoxicity:</b>	May be harmful to aquatic organisms.
<b>Persistence and degradability:</b>	No data.
<b>Mobility:</b>	Readily transported by running water.
<b>Environmental Fate:</b>	No data.
<b>Bioaccumulative potential:</b>	No data.
<b>Other adverse environmental effects:</b>	Phthalates have been linked to sexual disturbances in fish, including gender change.

## Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal.

Consult appropriate local and State regulations.

**Disposal methods and containers:**

Avoid disposal to sewer, natural waters or the environment.

**Special precautions for landfill or incineration:**

High temperature incineration.  
Unsuitable for landfill.

## Section 14: Transport Information

<b>UN Number:</b>	None assigned.
<b>UN Proper shipping name:</b>	None assigned.
<b>Class and subsidiary risk:</b>	None assigned.
<b>Packaging group:</b>	None assigned.
<b>Special precautions for user:</b>	Combustible liquid. Treat as flammable liquid when stored or transported with other flammable liquids. Contain spillages.
<b>HAZCHEM Code:</b>	None assigned.
<b>Material for export:</b>	Not regulated.

## Section 15: Regulatory Information

**Poisons (SUSDP):** Not a scheduled poison.

**Note:** *This product contains 30 - 60 % diethyl phthalate. Sale, supply or use of sunscreens or personal insect repellents for human use, containing more than 0.5 % of diethyl phthalate, is prohibited in Australia.*

**Dangerous Goods:** No. Combustible liquid.  
Count as flammable liquid when stored or transported with other flammable liquids.

<b>Carcinogen:</b>	<b>Australia</b>	<b>IARC</b>	<b>NTP</b>	<b>RTECS</b>
	No.	No.	No.	No.

**Agricultural and Veterinary Chemicals Act:** Not applicable.

**Australian Inventory of Chemical Substances (AICS):** Listed.

**Other National/International Regulations:** No data.

## Section 16: Other information

**Date of MSDS update:** July 2008  
Complete review and re-write of all sections.

**Abbreviations:**

NOHSC - National Occupational Health and Safety Commission.  
ACGIH - American Conference of Governmental Industrial Hygienists.  
IARC - International Agency for Research on Cancer (France).  
NPT - National Toxicology Program (USA).  
RTECS - Registry of Toxic Effects of Chemical Substances.

**Literature references:**

- (1) *Teratology, The International Journal of Abnormal Development.* (Alan R. Liss, Inc., 41 E. 11th Street, New York, NY 10003). v.48, p.33, 1993.
- (2) *Toxicology and Applied Pharmacology.* (Academic Press Inc., 1 E. First Street, Duluth, MN 55802). v.88, p.255, 1987
- (3) *National Technical Information Service.* (Springfield, VA 22161) OTS0572465.

**Other Available Sources of Data:**

*National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [2011(2003)] - NOHSC.*  
*Australian Dangerous Goods Code.*  
*Standard for the Uniform Scheduling of Drugs and Poisons - AHMAC.*  
*Exposure Standards for Atmospheric Contaminants in the Occupational Environment [1003]- NOHSC.*  
*List of Designated Hazardous Substances [10005] - NOHSC.*  
*Sax's Dangerous Properties of Industrial Materials - Lewis.*  
*Handbook of Toxic and Hazardous Chemicals and Carcinogens - Sittig.*

*Handbook of Reactive Chemical Hazards - Bretherick.*  
*Hawley's Condensed Chemical Dictionary - Wiley Interscience.*  
*AUSREG's Chemical Data Package for PCs - AUSREG Consultancy.*