



**SPECIALISED MAINTENANCE  
PRODUCTS (PTY) LTD.  
MATERIAL SAFETY DATA SHEET**

**TSD  
040**

**MATERIAL SAFETY DATA SHEET**

No. 1

Date issued : 30.07.2013

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**Company Details**

Name : Specialised Maintenance Products      Emergency Tel : (083) 459-5048  
Address : 18 Brighton Road, Bramley View      Telex : -  
Tel : (011) 882-1200      Fax : (011) 882-5279

**1. Product and Company Identification**

Trade Name : **BetaSpray**  
Chemical family : Alcohol based hand sanitiser  
Chemical Name : Not applicable  
Synonyms : Not applicable  
Chemical abstract no. : Not applicable

**2. Hazards Identification**

Main hazard : Harmful  
Flammability : Flammable  
Chemical hazard : None  
Biological hazard : Harmful  
Reproductive hazard : Not known  
Health effects - eye contact : Stinging sensation (irritant)  
Health effects – skin contact : Prolonged or repeated contact may cause irritation  
Health effects – ingestion : May cause headaches, nausea and/or vomiting.  
Health effect – inhalation : May cause irritation to the respiratory tract, headache, nausea and vomiting

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### 3. Composition

Hazardous components :

	%	EC Number	Classification
2-Propanol (CAS No.: 67-63-0)	≥ 75		H225/319/336

### 4. First Aid Measures

- Product in eye : Immediately flush with water for at least 15 minutes or until irritation stops. Seek medical advice.
- Product on skin : Immediately flush skin with plenty of water and remove any contaminated clothing.
- Product ingested : **Do not** induce vomiting. Give copious amounts of water to drink. Seek medical attention.
- Product inhaled : Remove to fresh air .Consult physician, should breathing still be difficult.

### 5. Fire Fighting Measures

- Extinguishing media : Foam, CO<sub>2</sub> (as for solvent fires)
- Special hazards : None
- Protective clothing : Not applicable

### 6. Accidental Release Measures

Personal precautions : Splash goggles, overalls, boots and gloves



Environmental precautions : Do not allow concentrate to enter waterways

Small spills : Flush to approved drain with plenty of water

Large spills : Absorbed onto inert material. May be buried in an approved landfill site

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<b>7. Handling and Storage</b>	
Suitable material :	Polyethylene containers (original container)
Handling / Storage precautions :	Do not breathe vapour/spray. Avoid contact with the eyes. Store in a cool, dry place.
<b>8. Exposure Control / Personal Protection</b>	
Occupation exposure limits :	<b>ACGIH TWA:</b> 980mg/m <sup>3</sup> (2-propanol)
Engineering control measures :	Keep the vapour concentrations below their occupational exposure limits, by providing adequate ventilation. Exhaust ventilation or other engineering controls may be necessary, if ventilation is inadequate.
Personal protection – respiratory :	If ventilation is inadequate, wear an appropriate respirator
Personal protection-hand :	Not required, if used as directed
Personal protection – eye :	Not required
Personal protection – skin :	Overalls
Other protection :	Ventilation (local exhaust)
Hygiene measures :	Wash hands, forearms and face thoroughly after handling product and before eating, smoking and before going home.
<b>9. Physical and Chemical Properties</b>	
Appearance :	Clear, colourless liquid
Odour :	That of alcohol
pH (as is) :	Not applicable
Boiling point :	< 100°C
Freezing point :	Not determined
Flash point :	Not determined
Flammability :	Flammable
Explosive properties :	Not considered as a product that has an explosion risk
Oxidizing properties :	None

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<b>9. Physical and Chemical Properties (continued)</b>	
Vapour pressure	: Not determined
R.D. @ 20 <sup>0</sup> C	: 0.85 +/- 0.01g/cm <sup>3</sup>
Solubility – water	: Complete
Solubility – solvent	: Soluble in polar solvents
Solubility – coefficient	: This product is more soluble in water
<b>10. Stability and Reactivity</b>	
Stability	: The product is stable
Incompatible materials	: Strong oxidising agents
<b>11. Toxicological Information</b>	
<b>Local effects:</b>	
Skin irritation	: Hazardous in case of prolonged skin contact
Eye irritation	: Hazardous in case of severe eye contact
Acute toxicity	: Acute oral toxicity (LD <sub>50</sub> ): 3600 mg/kg (mouse) [2-Propanol]
Chronic toxicity	: Chronic eye irritation and severe skin irritation may be produced with repeated or prolonged contact with the concentrate
<b>Specific effects:</b>	
Carcinogenic effects	: None, as classified by OSHA and NIOSH
<b>12. Ecological Information</b>	
<b>Eco-toxicity:</b>	
Eco-toxicity in water	: Concentrate may be harmful to aquatic organisms
Biodegradability	: Biodegradable. If used responsibly, this product is not expected to cause adverse effects to the environment.

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**13. Disposal Considerations**

Disposal consideration : **Do not** re-use containers. Puncture all plastic containers.

Disposal methods : Waste must be disposed of in accordance with local government and environmental control regulations.

Waste classification : No additional information



European Waste Catalogue (EWC) : No known data

Hazardous waste : The classification of this product may meet the criteria for a hazardous waste

**14. Transport Information**

**International transport regulations:**

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
<b>ADR/RID Class</b> Land – Road/Railway	Not regulated	-	-	III	3	-
<b>ADN Class</b> Inland waterways	Not regulated	-	-	-	-	-
<b>IMDG Class</b> Sea	Not regulated	-	-	-	-	-
<b>IATA-DGR Class</b> Air	Not regulated	-	-	-	-	-

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<b>15. Regulatory Information</b>	
<p><b>EU Regulations:</b></p> <p style="text-align: center;">   </p> <p>Hazard symbol(s) :</p> <p>Signal word : Danger</p> <p>Hazard statements :          H226 – Flammable liquid and vapour          H319 – Causes serious eye irritation          H336 – May cause drowsiness or dizziness</p> <p>Precautionary statements :          P102 – Keep out of reach of children          P301+P312 – If swallowed: Call a doctor if you feel unwell          P305+P351+PP338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing          P337+P313 – If eye irritation persists: Get medical advice</p> <p>Product use : Consumer applications</p> <p style="text-align: center;">         Classification and labeling have been performed as close as possible according to EU directives 67/548/EEC, 1999/45/EC including any amendments and the intended use.       </p>	
<b>16. Other Information</b>	
<p>Other Special considerations : No additional remarks</p> <p><b>Disclaimer:</b></p> <p>SMP believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling and possible addition of other chemicals, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for user's consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data to comply with all applicable international, state, and local laws and regulations.</p>	