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**SAFETY DATA SHEET**  
**Alcohol Preps**

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**1 Identification of the substance or preparation and the supplier**

Product name : Alcohol preps  
Article no. : PREP-2000  
Chemical name : none  
  
Purpose : disinfection of skin prior to injection  
  
Name of supplier : Van Oostveen Medical B.V.  
Address of supplier : Herenweg 269  
3648 CH Wilnis, The Netherlands  
Telephone : +31 (0)297 282101  
Fax : +31 (0)297 288316  
E-mail : [info@romed.nl](mailto:info@romed.nl)  
Responsible person : M.J. van Oostveen, Managing Director  
Emergency telephone : +31 (0)297 282101

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**2 Composition/information on ingredients**

Chemical name	Conc.	CAS no.	EC no.	EC index no.
Non woven material impregnated with Isopropyl alcohol	70%	67-63-0	200-661-7	603-117-00-0
Water		7732-18-5		

Molecular formula :  $C_3H_8O$   
Molecular weight : 60.09

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**3 Hazards identification**

Odour: alcohol odour  
Contact with eyes: irritating to eyes  
Contact with skin: may cause irritation

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**4 First aid measures**

After eye contact: Flush eyes with copious quantities of water  
After contact with skin: Drench with plenty of water  
After oral intake: do not induce vomiting, give 200-300 ml water to drink  
After inhalation: remove patient to fresh air  
Seek medical attention if irritation persists

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## 5 Fire-fighting measures

Flash point : 21.3°C (tag open cup)  
Auto ignition temperature : 425°C  
Extinguishing media : dry chemical, chemical foam

This material is flammable and may be ignited by heat, spark, flame or static discharge. Intense heat from fires could cause vapor pressure built-up in exposed containers which could result in container rupture.

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## 6 Accidental release measures

No problem expected with preps supplied in sachets.

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## 7 Handling and storage

Avoid contact with eyes, skin or clothing and avoid breathing vapors.  
Store at temperatures 5°C to 30°C, keep away from heat and avoid electrostatic conditions

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## 8 Exposure controls and personal protection

Always keep product out of the reach of children.  
Wear protective gloves to prevent repeated or prolonged contact. Splash goggles or safety glasses if splashing is not a concern. Wash hands after use, before smoking or using the toilet.

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## 9 Physical and chemical properties

Appearance	: sachet containing prep moistened with isopropyl alcohol and water
Odour	: alcohol odour
Boiling point	: 82.7°C
Melting point	: - 53.3°C
Vapour pressure	: 43 hPa (at 20°C)
Solubility in water	: soluble
Vapour density	: 1.6
Specific gravity	: 0.79 (at 20°C)
Evaporation rate	: 2.3
Flash point	: 21.3°C
Auto-ignition point	: 425°C

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## 10 Stability and reactivity

Stable.  
Avoid heat, flame and other sources of ignition.

Hazardous decomposition products: no information available.

As with any organic compound, this material may produce toxic carbon monoxide and carbon dioxide fumes among other organic compounds if heated to decomposition.

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## 11 Toxicological information

Acute toxicity:

LC<sub>50</sub> (inhalation, rat): 46.5 mg/l/4 h

LD<sub>50</sub> (dermal, rabbit): 12800 mg/kg

LD<sub>50</sub> (oral, rat): 5045 mg/kg

Specific symptoms in animal studies

Test on eye irritation (rabbit): severe irritation

Test on skin irritation: slight irritation

Sub acute to chronic toxicity:

Sensibilisation (guinea pig): negative

Not carcinogenic in animal experiments

Mutagenicity (mammal cell test): micronucleus negative

Bacterial mutagenicity: Salmonella typhimurium: negative

No decrease in reproduction capacity in animal testing.

No teratogenicity in animal testing

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## 12 Ecological information

Fast abiotic degradation (air)

Easy biological degradation

No expectation of bio accumulation.

Biological effects: toxic effects on fish and plankton.

According to the state of the art knowledge there will be no disruption with the water waste purification installation when used properly.

No hazards to the environment expected when handled proper.

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## 13 Disposal considerations

No special precautions are required for this product.

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## 14 Transport information

Not classified as hazardous for transport

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## 15 Regulatory information

No transport labelling is required.

Not classified as hazardous for supply.

User labelling: only for external use. In the event of skin irritation or rash, discontinue use.

Avoid contact with eyes. If contacted, flush eyes with copious quantities of water. If taken in, do not induce vomiting, but get medical attention.

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## 16 Other information

General update.

This information is based on presently available data. It describes the product related to the appropriate safety precautions. It cannot guarantee the properties of the product.

The information contained in this MSDS has been compiled from reliable sources and is believed to be correct as of the date issued. It is the responsibility of the user to determine the appropriateness and applicability to their situation. Van Oostveen Medical B.V. disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental, or consequential damages from use or reliance on the above information.