

# UNITED BEAUTY

## Material Safety Data Sheet

**Issue Date:** 12/05/14      **Revision Number:** 2  
**Material/Trade Name:** Protect Dehydrating Spray

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### 1. Substance Identification

**Material/Trade Name** : 21809P – Protect Dehydrating Spray  
**Company** : United Beauty Products Ltd  
**Address** : Princewood Road  
Corby  
Northants  
NN17 4AP  
**Telephone** : 01536 463350  
**Fax** : 01536 463390  
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**Email** : sales@unitedbeauty.co.uk

### 2. Hazards Identification

A volatile, highly flammable liquid

### 3. Composition/Information on Ingredients

Chemical	CAS REG No	%	Symbol	Risk	Exposure Limit
Isopropanol	000067-63-0	99-100	F	Highly flammable	400ppm 8hr TWA
Chlorophene	000120-32-1	<1			

### 4. First Aid Measures

<b>Inhalation</b>	Remove patient to fresh air and rest. Give artificial respiration if breathing has stopped. Oxygen may be given by qualified personnel. Seek medical attention.
<b>Skin Contact</b>	Wash with soap and water. Wash contaminated clothing before re-use. Seek medical attention if any irritation persists.
<b>Eye Contact</b>	Wash out immediately with plenty of water for at least 15 minutes. Seek medical attention
<b>Ingestion</b>	Wash out mouth with water. Give plenty of water to drink (if conscious). Do not induce vomiting. Seek immediate medical advice.

### 5. Fire Fighting Measures

<b>Suitable extinguishers</b>	Alcohol type foam or water spray for large fires. CO2 or dry chemical for small fires.
<b>Unsuitable extinguishers</b>	Not given
<b>Fire and explosion Hazards</b>	Vapour is heavier than air and is an explosive hazard. Can form an explosive mixture with air particularly in empty uncleaned containers.
<b>Products of combustion</b>	Carbon monoxide and/or carbon dioxide
<b>Special equipment for fire fighting</b>	Breathing apparatus and protective clothing. Keep containers cool by spraying water.

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### 6. Accidental Release Measures

<b>Safety precautions</b>	Absorb into absorbent granules, clay/diatomaceous clay or other suitable absorbent. Wear protective overalls, safety goggles, impervious gloves and rubber boots. Instruct others to keep a safe distance. Do not breathe vapour. Extinguish all sources of ignition.
<b>Environmental Precautions</b>	Do not let the product run into drains, water courses or sewers. Vapours are heavier than air and may travel along the ground. If substance enters water courses or sewers inform the appropriate Water Authority immediately
<b>Clean up procedure</b>	Absorb into inert material and collect up into suitable containers for disposal. Wash spill site after material pick up is complete

### 7. Handling and Storage

<b>Handling</b>	Ensure good general ventilation. Avoid contact with skin, eyes and clothing. Do not smoke during handling. Avoid generating aerosols and mists. Do not breathe vapour. Eyewash facilities should be available. Take precautions against electro static handling.
<b>Storage</b>	Keep containers sealed and in a cool fire proof area. Store away from combustible materials, sources of ignition and out of direct sunlight. Store in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations.
<b>Packing materials</b>	Bulk tank or steel drums.

### 8. Exposure Controls / Personal Protective Equipment

<b>Exposure limits</b>	980mg/m3 8hr TWA (400ppm)
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory device. If spraying use air-fed breathing apparatus
<b>Hand protection</b>	Nitrile rubber gloves
<b>Eye protection</b>	Goggles
<b>Skin protection</b>	Synthetic coveralls or apron. Chemical resistant footwear
<b>Hygiene measures</b>	Good standard hygiene

### 9. Physical and Chemical Properties

<b>Appearance</b>	: Colourless liquid
<b>Odour</b>	: Characteristic
<b>Freezing Point</b>	: -86 °C
<b>Boiling point</b>	: 82.1 – 82.5°C
<b>Flash Point</b>	: 12 °C (tag closed cup) : 19 °C (tag open cup)
<b>Auto ignition point</b>	: 350 °C
<b>Flammable Limits</b>	: 2.0% vol. Lower 12% vol. upper
<b>Vapour pressure</b>	: 6 KPa @ 20°C

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### 10. Stability and Reactivity

<b>Stability</b>	Stable at ambient temperatures
<b>Conditions/Materials to avoid</b>	Sources of ignition. Avoid concentrated nitric and Sulphuric Acids, strong oxidising agents, aldehydes, halogens and halogen compounds
<b>Hazardous decomposition products</b>	Oxides of carbon

### 11. Toxicological Information

<b>Acute effects</b>	
<b>Skin</b>	Causes irritation and redness and prolonged contact may cause drying and cracking of the skin.
<b>Eyes</b>	Causes irritation, redness and watering of the eyes with possible corneal injury
<b>Ingestion</b>	Slightly toxic. Ingestion of a large quantity may cause nausea, diarrhoea, abdominal pain, drowsiness and incoordination.
<b>Inhalation</b>	Symptoms similar to those of ingestion. At high concentrations (10,000ppm) there is a narcotic effect. (ref Methods for the determination of Hazardous Substances MDHS 28)
<b>Chronic effects</b>	There is no evidence for allergic, mutagenic, carcinogenic or reproductive effects

### 12. Ecological Information

<b>Mobility</b>	: Not known
<b>Degradability</b>	: Biodegrades readily in low concentrations (ca. 10ppm)
<b>Bioaccumulative potential</b>	: It does not bioaccumulate
<b>Aquatic toxicity</b>	: None quoted

### 13. Disposable Considerations

<b>Substance</b>	Through authorised contractor to licensed site. Control of Pollution (Special Waste) Regulations
<b>Container</b>	As above

### 14. Transport Information

SIN/UN Number	1219
Packing group	II
Risk/Symbol	Flammable liquid
UK Emergency action code	2 (S) E
Proper Shipping name	Isopropyl Alcohol
ICAO/IATA/IMDG class	3.2
IMDG	Page 3244
Packing Group	II
ADR Class	3
Material Code	3 (b)
Transport Hazard Symbol	Black flame on red

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### 15. Regulatory Information

#### Supply label details

Label name:	Isopropanol
Symbols :	Highly Flammable
Risk Phrases:	R11      Highly flammable
Safety phrases:	S9      Keep container in a well ventilated place S16      Keep away from sources of ignition S23      Do not breathe vapour S33      Take precautionary measures against static discharge
EINECS No	2006617
CAS No	67-73-0

### 16. Other Information

Further information available on request

This information has been compiled from sources to be dependable and is, to the best of our knowledge accurate and reliable at the date it was compiled. However, no guarantee or warranty is made as to accuracy, reliability and/or completeness. It is the user's responsibility to satisfy himself as to the fitness or suitability of the product for the intended particular purpose or use. The user therefore assumes all risks in the use of the product. Appropriate warnings and safe-handling procedures should be provided to handlers and users.

This Safety Data Sheet is compiled with reference to regulation 1907/2006/EC and amendments.