



## SAFETY DATA SHEET EMPEROR CLINICLEAN

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME                   EMPEROR CLINICLEAN

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### 2 HAZARDS IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to eyes.

CLASSIFICATION                Xi;R36. F;R11. R67.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALKYL DIMETHYL BENZYL AMONIUM CHLORIDE	273-544-1	68989-00-4	1-5%	Xn;R21/22. C;R34. N;R50.
PROPAN-2-OL	200-661-7	67-63-0	60-100%	F;R11 Xi;R36 R67

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### INHALATION

Inhalation of the solvent may cause slight irritation of the nose and upper respiratory tract. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

#### INGESTION

Ingestion of large quantities of the formulation as supplied may induce narcosis and irritate the mouth and upper digestive tract. Ingestion of the residual product, after loss of the solvent, may cause some irritation to the mouth and upper digestive tract. Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious.

#### SKIN CONTACT

The formulation as supplied may cause slight skin irritation especially if exposure is prolonged and/ or repeated. Contact with damaged, inflamed or compromised skin may cause stinging. Repeated exposure to the formulation as supplied is unlikely to produce allergy by skin contact. In the event of irritation rinse with water and contact the physician if irritation continues.

#### EYE CONTACT

Irritating to eyes. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Contact physician if discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Burning produces irritating, toxic and obnoxious fumes.

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Ensure adequate ventilation of the working area. Avoid contact with eyes and prolonged skin contact.

**EMPEROR CLINICLEAN****ENVIRONMENTAL PRECAUTIONS**

Not relevant considering the small amounts used. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

**SPILL CLEAN UP METHODS**

Transfer to suitable, labelled containers for disposal. Clean and wipe away spillages area thoroughly with plenty of water. Sweep up.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid contact with eyes. Observe good industrial hygiene practices. During application and drying, solvent vapours will be emitted. Container must be kept tightly closed.

**STORAGE PRECAUTIONS**

Keep containers tightly closed. Store in tightly closed original container in a well-ventilated place.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

**ENGINEERING MEASURES**

Ensure adequate ventilation of the working area.

**EYE PROTECTION**

Not required under normal conditions of use. Avoid splashes and contact with eyes.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	Clear		
ODOUR	Alcoholic		
SOLUBILITY	Miscible with water.		
RELATIVE DENSITY	0.93 @15	FLASH POINT (°C)	11

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**MATERIALS TO AVOID**

Acids, oxidising. Oxidising agents

**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

This product contains ALKYL DIMETHYL AMMONIUM CHLORIDE LD50> 1000mg/kg (RAT)

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

There are no data on the ecotoxicity of this product.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Waste, residue, empty containers, discarded work clothes and used disposable towels must be collected in designated receptacles, labelled with content.

**14 TRANSPORT INFORMATION**

**EMPEROR CLINICLEAN**

UK ROAD CLASS	3	UK ROAD PACK GR.	II
PROPER SHIPPING NAME	ISOPROPANOL (ISOPROPYL ALCOHOL)		
ROAD TRANSPORT NOTES	Product transported in Limited Quantities.		
UN NO. ROAD	1219	ADR CLASS	Class 3: Flammable liquids.
ADR CLASS NO.	3	TUNNEL RESTRICTION CODE	(D/E)
ADR PACK GROUP	II	ADR LABEL NO.	3
HAZARD No. (ADR)	33	CEFIC TEC(R) NO.	30GF1-I+II
HAZCHEM CODE	•2YE	RID PACK GROUP	II
RID CLASS NO.	3	IMDG CLASS	3
UN NO. SEA	1219	EMS	F-E, S-D
IMDG PACK GR.	II	AIR CLASS	3
UN NO. AIR	1219		
AIR PACK GR.	II		

**15 REGULATORY INFORMATION**

## LABELLING



Irritant



Highly Flammable

## RISK PHRASES

R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

## SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

## UK REGULATORY REFERENCES

Chemicals (Hazard Information &amp; Packaging) Regulations. Cosmetic Products (Safety) Regulations

**16 OTHER INFORMATION**

## INFORMATION SOURCES

Product's toxicological assessment. EU Directive 76/768/EEC

REVISION DATE 30/10/2009

REV. NO./REPL. SDS GENERATED 1

SDS NO. 10380

## EMPEROR CLINICLEAN

### RISK PHRASES IN FULL

R11	Highly flammable.
R21/22	Harmful in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R50	Very toxic to aquatic organisms.
R67	Vapours may cause drowsiness and dizziness.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.