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SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier**
 Product Name **JEEQUAT 868P**
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
 Identified uses **Cosmetic raw material**
- 1.3 Details of the Supplier of the Safety Data Sheet**
 Company **JEEN International Corporation**
 24 Madison Road
 Fairfield, New Jersey 07004
 Tel: +1-973-439-1401
 Fax: +1-973-439-1402
 email: info@jeen.com
 Website: www.jeen.com
- 1.4 Emergency telephone number** +1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)

SECTION 2 – HAZARDS INGREDIENTS

- 2.1 Classification of the Substance or Mixture** according to Regulation (EC) 1272/2008
 Flam. Liq. 2
 Eye Irrit. 2
- 2.2 Label Elements** according to Regulation (EC) EU 1272/2008
 Hazard pictogram
- 
 GHS05
 Danger


 GHS02
 Danger
- Signal words
 Hazard statements
 Precautionary statements
- H314: Causes severe skin burns and eye damage
 H225: Highly flammable liquid and vapour
 H319: Causes serious eye irritation
 P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
 P302+350: IF ON SKIN: Gently wash with soap and water
 P280: Wear protective gloves/protective clothing/eye protection/face protection
- 2.3 Other Hazards** None known



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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances	-		
3.2 Mixture			
Chemical characterization	Cosmetic ingredients		
INCI	Dicetyldimonium Chloride	Isopropyl Alcohol	
CAS	107-88-0	67-63-0	
EC	217-325-0	200-661-7	
Concentration	<80%	<20%	
Hazardous Ingredients	Classification acc. to Regulation (EC) No 1272/2008		
Dicetyldimonium Chloride	Flam. Liq. 2	H314: Causes severe skin burns and eye damage	
Isopropyl Alcohol	Flam Liq. 2	H225: Highly flammable liquid and vapour	
	Eye Irrit. 2	H319: Causes serious eye irritation	

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures	
After Inhalation:	Remove the casualty into fresh air and keep him calm. Summon a doctor immediately.
After contact with skin:	In case of contact with skin wash off immediately with plenty of water. Take for medical treatment
After contact with eyes:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
After ingestion:	Rinse out the mouth and immediately seek medical attention
Advice to doctor:	Detergents or surfactants cause irreversible damage to stomach and intestine lining. Do not induce vomiting but pump stomach with the addition of preparation containing defoamer.
Other information	Highly flammable. In use, may form flammable/explosive vapour-air mixture. Causes burns.
4.2 Most important Symptoms and Effects	No information available
4.3 Indication of any immediate Medical Attention and special Treatment needed	No information available.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing Media	Alcohol foam, dry chemical, foam, carbon dioxide, water Spray
5.2 Special Hazards arising from the Substance or Mixture	In fires, hazardous combustion gases are formed.: Nitrogen oxides (NOx) Carbon monoxide (CO) Hydrogen chloride (HC1)
5.5 Protective equipment for fire-fighting	Wear self-contained breathing apparatus and other protective clothing.



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|-----|-------------------------------|--|
| 5.6 | Unusual Fire Explosion | Flammable liquid – avoid ignition sources |
| 5.7 | Other information: | Cool container at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. |

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- | | | |
|-----|--|---|
| 6.1 | Personal precautions, Protective Equipment and Emergency Procedures | High risk of slipping due to leakage/spillage of product. Ensure adequate ventilation. Keep away sources of ignition. |
| 6.2 | Environmental Precautions | Do not discharge into the drains/surface waters/groundwater. |
| 6.3 | Methods and Material for Containment and Cleaning Up: | Take up with absorbent material (e.g. general-purpose binder). Dispose of absorbed material in accordance with the regulations. |
| 6.4 | Reference to other Sections | Section 8: Exposure control /personal protection.
Section 13: Waste treatment. |

SECTION 7 – HANDLING AND STORAGE

- | | | |
|-----|--|---|
| 7.1 | Precautions for Safe Handling | Open container only in presence of local exhaust ventilation. Provide good room ventilation even at ground level (vapors are heavier than air). |
| 7.2 | Precautions Against Fire and Explosion | Keep away from sources of ignition. Do not smoke. Traces of flammable substances can collect in the vapor space of closed systems, therefore keep sources of ignition away. Take precautionary measures against static discharge. |
| 7.3 | Condition for Safe Storage, including any Incompatibilities | Use corrosion resistant containers. |
| 7.4 | Further Information | When stored in tank cover with a protective layer of nitrogen gas for protection. To assure product integrity and quality, store under cool, dry conditions. |

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- | | | |
|-----|---|--|
| 8.1 | Personal Protective Equipment
Hand Protection:
Eye Protection:
Body Protection:
Respiratory:
Other: | Protective Gloves
Face Shield
Impermeable protective clothing
Organic vapor respirator
Impervious protective apron |
| 8.2 | Ventilation Requirements | Use adequate ventilation to maintain Isopropyl Alcohol below TLV of 400 ppm. |
| 8.3 | Advise on System Design | Loading: Use extra pipe for gas exchange and pay attention to |



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explosion protection! **Don't use compressor!**

Ingredients with occupational exposure limits to be monitored limits:

Substance	CAS Number	Method	Value	Unit
2-Propanol	67-63-0	MAK	400	ml/m3
Chlormethane	74-87-3	MAK	50	ml/m3

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Form:	Liquid Clear Liquid	
Boiling Point (deg. C):	~83	
Flash Point (deg. C):	20	75°F closed cup
Ignition Temp. (deg. C):	425	
PH (5%)	7.3	
Upper (Vol - %):	12,0	
Density (g/cm3):	~0.87	(26,7 deg.C) (DGF C-IV 2)
Solubility in Water:	Dispersible	(20 deg. C)
pH Value (20 deg. C):	6.5 – 8.5	(50 g/l) (ISO 6384)
Viscosity (mPa.s):	<100	(20 deg. C) (Brookfield)
Specific Gravity:	0.868 at 24°C	

SECTION 10 – STABILITY AND REACTIVITY

10.1 Stability	Stable
10.2 Conditions to Avoid	Ignition sources
10.3 Hazardous Decomposition	Oxides of carbon and nitrogen
10.4 Incompatible Materials	Strong oxidizing agents
10.5 Hazardous Polymerization	Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects	Corrosive to eyes and skin (undiluted product)
Acute oral toxicity:	No data available
Dermal Toxicity:	No data available
Dermal irritancy:	In-Vitro Skin Corrosivity: Non-corrosive. In-Vitro: Moderate to mild irritation potential. (100%)
Ocular irritancy:	No data available
Carcinogenicity or other:	No data available

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Biodegradability	Readily eliminable from water
12.2 Ecological Information	



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Dialky (C12) dimethyl ammonium chloride:
90-92 % (7 days) River water dieaway * 99 % (7 days) River water dieaway*
Dialkyl (C18) dimethyl ammonium chloride:
91-93 % (3 hours) Continuous-flow activated sludge*
*Swisher, Surfactants Biodegradation 1987, page: 874/875

12.3 Further Information

Do not allow product to enter soil or waterways; on storage or before discharging into drainage systems follow the state of the art technology.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

In accordance with the regulations disposure by authorized Companies.

SECTION 14 – TRANSPORTATION INFORMATION

14.1 Land Transport

ADR / RID: 3/26b
Hazard number: 338
UN number: 2924
Hazard label: 3 + 8
Packaging group III
TVB: 2924 Flammable liquid, corrosive, n.o.s. contains 2-Propanol), (contains quaternary ammonium compounds
IMDG-Code: 3.2
UN Number: 2924
Hazard label: 3 + 8
IMDG page: 3231
IMDG packaging group: III
EmS: 3-02
MFAG: 760 + 305
Remarks: Un 2924, Flammable Liquid, Corrosive, N.O.S (contains 2-Propanol), (contains quaternary ammonium Compounds

14.2 Air Transport

ICAO: 3
UN number: 2924
Hazard label: 3 + 8
Packing group: III
Packaging Instruction: 305 / 307
ICAO max. weight: 11 / 51
TVB:
Remarks: Flammable liquid, corrosive, n.o.s. (contains 2-Propanole) (contains quaternary ammonium compounds).

SECTION 15 – REGULATORY INFORMATION

15.1 International Chemical Inventory Status

United States Toxic Substances Control Act (TSCA)

Not evaluated



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European Inventory of New and Existing Chemical Substances (EINECS)	Listed
Australian Inventory of Chemical Substances (AICS)	Listed
Canadian Domestic/Non-Domestic Substance Lists	Not Listed
SARA 312	Immediate Hazard-flammable, irritant.
SARA 313	Not reportable components.
Canadian WHIMIS	Contains isopropanol (cas# 67-63-0): 20-25%
California Proposition 65	No reportable components.

15.2 Labeling According to EEC-guidelines

Hazard statements

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H225: Highly flammable liquid and vapour
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P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
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Precautionary statements

SECTION 16 – OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS):

HEALTH: 2 FIRE: 3 REACTIVITY: 0 PPE CODE: H

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

HEALTH: 2 FIRE: 3 REACTIVITY: 0 ADDITIONAL INFORMATION: NONE

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