

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME: DEO 2240****DATE: September 30, 2008****SUPPLIER:**

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**PRODUCT USE:** Aircraft lavatory deodorant**II. HAZARDS IDENTIFICATION****Hazard classification of product according to Directive 1999/45/EC:** Xi, irritant**Hazards for humans:** Irritating to eyes and skin.**Hazards for environment:** Not applicable.**III. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical Identity:	Index #	EINECS #	CAS #	% Conc.	Toxicity
Quaternary ammonium compounds		270-325-2	68424-85-1	7 - 13	
Alcohol C14-15 ethoxylated polymer			68951-67-7	7 - 13	Xn, N; R22, 41, 50
<b>Ingredients according to Directive 2004/648/EC</b>					
Cationic surfactants	5 - 15%				
Nonionic surfactants	5 - 15%				
Perfumes	<5%				

**IV. FIRST AID MEASURES****Contact with skin:** Wash exposed area with soap and water and rinse well.**Contact with eyes:** Flush with plenty of water. Get medical attention if irritation persists.**Inhalation:** Not applicable.**Ingestion:** If victim is conscious, give two glasses of water to drink. Call a physician. Do not give anything by mouth to an unconscious person.**V. FIRE FIGHTING MEASURES****Conditions of flammability:** Not flammable.**Means of extinction:** Not applicable.**Hazardous combustion products:** Not applicable.**Unusual fire and explosion hazards:** None**VI. ACCIDENTAL RELEASE MEASURES****Procedures to be followed in case of spills or leaks:** Small amounts - Flush with water.

Large amounts - Contain spill and collect into waste container. Absorb remaining product with earth or sand and dispose of with solid waste. Flush spill area with water.

**Personal protective equipment to be used:** Protective gloves and safety glasses.**VII. HANDLING AND STORAGE****Special handling procedures and equipment:** Not applicable.**Specific storage requirements:** Not applicable.**VIII. EXPOSURE CONTROL/PERSONAL PROTECTION****Respiratory Protection:** Not applicable.**Protective Gloves:** Nitril or neoprene.**Eye Protection:** Safety glasses.**Additional Protective Equipment:** Not applicable.**Ventilation:** Not applicable.**IX. PHYSICAL AND CHEMICAL PROPERTIES****Flashpoint and method of determination:** >93.3°C (C.O.C.)**Flammable limits (% in air):** LOWER: Not applicable. UPPER: Not applicable.

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**Auto-Ignition temp.:** Not applicable.

**Physical State:** Liquid

**Coefficient of n-octanol/water distribution:** Data not available.

**Odour:** Pleasant

**Specific Gravity:** 0.99 - 1.01

**Vapour Pressure:** Data not available.

**Evaporation Rate:** Data not available.

**Solubility in water:** Complete

**Vapour density:** Data not available.

**Boiling Point:** 100°C

**Freezing Point:** -2°C

**pH:** 6.5 - 9.5

**Colour:** Green

**Odour threshold:** Data not available.

## X. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions. Hazardous polymerization will not occur.

**Incompatible substances:** Avoid strong oxidizing and reducing agents.

**Conditions of reactivity:** Avoid contamination with reactive substances.

**Hazardous decomposition products:** None

## XI. TOXICOLOGICAL INFORMATION

**Probable route of exposure:** Splashes on skin or eyes.

**Exposure Limits:** LD<sub>50</sub> (Calculated) 8000 mg/kg

**Effect of acute and chronic exposure to product:** Irritating to skin and eyes.

**Irritating:** No

**Sensitisation to product:** No

**Carcinogenicity:** Data not available.

**Reproductive toxicity:** Data not available.

**Teratotoxicity:** Data not available.

**Mutagenicity:** Data not available.

**Name of toxicologically synergistic product(s):** Data not available.

## XII. ECOLOGICAL CONSIDERATIONS

**Environmental toxicity information:** Product conforms to the regulations regarding the biodegradability of the surfactants. (Directive 2004/648/EC)

## XIII. DISPOSAL CONSIDERATIONS

**For the product:** EC disposal code №:

20 01 30 (non-hazardous detergent for municipal or industrial waste collection).

**For the packaging:** EC disposal code №:

15 01 02 (plastic packaging). Can be recycled.

## XIV. TRANSPORT INFORMATION

### CARRIAGE BY ROAD (CROSSING BORDERS) ADR/RID:

**ADR/RID Class:** Not applicable.

**Hazard Identification Number:** Not applicable.

**UN Number:** Not applicable.

**Packing group:** Not applicable.

**Label:** Not applicable.

**UN proper shipping name:** Not applicable.

### TRANSPORT BY SEA IMDG:

**IMDG Class:** Not applicable.

**UN Number:** Not applicable.

**Packing group:** Not applicable.

**EMS Number:** Not applicable.

**Label:** Not applicable.

**Marine pollutant:** No

**UN proper shipping name:** Not applicable.

### TRANSPORT BY AIR ICAO-TI and IATA-DGR:

**ICAO/IATA Class:** Not applicable.

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**UN Number:** Not applicable.  
**Packing group:** Not applicable.  
**Label:** Not applicable.  
**UN proper shipping name:** Not applicable.

## XV. REGULATORY INFORMATION

**Inventory Status:** TSCA (USA), CEPA (Canada, DSL), EINECS (EU), China, TCCL (Korea, KECI), RA 6969 (Philippines, PICCS), NICNAS (Australia, AICS), IEC (Japan).

**WHMIS CLASSIFICATION:** Class D, div 2b.

**Danger symbol:** Xi, irritant



**Risk phrases: 36/38** Irritating to eyes and skin.

**Safety phrases: 26** In case of contact with eyes rinse immediately with plenty of water and seek medical advise.

**46** If swallowed seek medical advise immediately and show this container or label.

## XVI. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian *Controlled Products Regulations* and the MSDS contains all the information required by the Canadian *Controlled Products Regulations* and national legislation.

This Material Safety Data Sheet is in conformation with Directive 1907/2006 (REACH) and local legislation.

R-Sentences of ingredients in paragraph III:

**22** Harmful if swallowed.

**41** Risk of serious damage to eyes.

**50** Very toxic to aquatic organisms.

**Replaces: M.S.D. dated:** September 30, 2005

**Version:** 8

**Changes to the MSDS in this revision: sections 1, 2, 3, 8, 15, 16**

Français

Bahasa Malayu

Español

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