

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** DEO REO 40  
**Product Use:** Odour Counteractant  
**WHMIS Class:** Class D - Division 2B  
**T.D.G. Classification:** Not regulated under TDG

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

**Manufacturer/Supplier Name and Address:**  
**CFR Division of Tacony Corporation**  
3101 Wichita Court  
Fort Worth, TX 76140-1710  
(800) 880-2913 ext. 150

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>
Dialkyl (C <sub>8-10</sub> ) dimethyl ammonium chloride	68424-85-1	1-5	Not available	Not available	455 mg/kg oral, rat
n-Alkyl (C <sub>12-16</sub> ) dimethyl benzyl ammonium chloride	68424-95-3	0.5-1.5	Not available	Not available	Not available

## SECTION III - PHYSICAL DATA

<b>Boiling Point (deg C):</b> >100	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 0.98-1.02
<b>Vapour Pressure (mm Hg):</b> Not available	<b>Percent Volatile (Wt %):</b> Not available
<b>Vapour Density (Air = 1):</b> Not available	<b>Evaporation Rate (BuAc = 1):</b> Not available
<b>Solubility in Water:</b> Complete	<b>pH (as supplied):</b> Not available
<b>Physical State:</b> Liquid	<b>Viscosity:</b> Water thin
<b>Appearance and Odour:</b> Colourless, fruity fragrance	<b>Odour Threshold (ppm):</b> Not available

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammability:** Non-flammable by WHMIS criteria  
**Flash Point (deg C, PMCC):** >93.3      **LEL:** Not available      **UEL:** Not available  
**Hazardous Combustion Products:** May include and are not limited to oxides of carbon, ammonia, hydrogen chloride.  
**Autoignition Temperature (deg C):** Not available  
**Means of Extinction:** Water spray, dry chemical, carbon dioxide.  
**Special Fire Hazards:** Firefighters should wear self-contained breathing apparatus.

## SECTION V - REACTIVITY DATA

**Conditions for Chemical Instability:** Stable.  
**Incompatible Materials:** Strong oxidizing agents.  
**Conditions of Reactivity:** Not available.  
**Hazardous Decomposition Products:** May include and are not limited to oxides of carbon, ammonia, hydrogen chloride when heated to decomposition.

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**SECTION VI - TOXICOLOGICAL PROPERTIES**

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**Route of Entry:** Eye, Skin contact, Inhalation, Ingestion.

**EFFECTS OF ACUTE EXPOSURE:**

**Eye:** Contact causes irritation.

**Skin:** Contact can cause irritation.

**Inhalation of Mist:** Can cause nose, throat and respiratory tract irritation.

**Ingestion:** Harmful if swallowed. May cause gastrointestinal problems.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Irritancy:** Hazardous by WHMIS criteria.

**Respiratory Tract Sensitization:** No data available.

**Carcinogenicity:** Non-hazardous by WHMIS criteria.

**Teratogenicity, Mutagenicity, Reproductive Effects:** No data available.

**Synergistic Materials:** Not available.

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**SECTION VII- PREVENTATIVE MEASURES**

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**Gloves:** Rubber. Confirm with a reputable supplier first.

**Eye Protection:** Safety glasses.

**Respiratory Protection:** Not normally required if good ventilation is maintained. Avoid breathing mists.

**Other Protective Equipment:** As required by employer code.

**Engineering Controls:** General ventilation normally adequate.

**Leak and Spill Procedure:** Before attempting clean-up, refer to hazard data given above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review federal, provincial and local government requirements prior to disposal.

**Storage Requirements:** Keep out of reach of children. Store in a closed container away from incompatible materials.

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**SECTION VIII - FIRST AID**

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**Eye:** Immediately flush with water. Remove contact lenses, if applicable, and continue rinsing with water. Call a physician if irritation persists.

**Skin:** Flush with water. Wash with soap and water. Call a physician if irritation persists.

**Inhalation:** Move victim to fresh air. If symptoms persist, call a physician.

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Call a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

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**SECTION IX - PREPARATION INFORMATION**

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**Date:** March 1, 2000

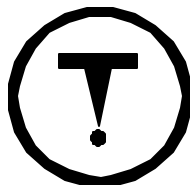
**MSDS Prepared by:** Dell Tech Laboratories Ltd.

**Telephone:** 1-519-858-5021

**Disclaimer**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).

## DEO REO 40



- Eye and skin irritant.
- Avoid contact with eyes and skin.
- Wear suitable protective clothing.
- Keep out of reach of children.
- If in contact with eyes, flush with water. Call a physician if irritation persists.
- If in contact with skin, flush with water. Call a physician if irritation persists.
- If inhaled, move victim to fresh air. If symptoms persist, call a physician.
- If ingested, do not induce vomiting. Call a physician immediately.

### READ MATERIAL SAFETY DATA SHEET BEFORE USING PRODUCT

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- Irritant pour les yeux et la peau.
- Éviter le contact avec les yeux et la peau.
- Porter des vêtements de protecteurs appropriés.
- Garder hors de la portée des enfants.
- En cas de contact avec les yeux, rincer à grande eau. Appeler un médecin si l'irritation persiste.
- En cas de contact avec la peau, rincer à grande eau. Appeler un médecin si l'irritation persiste.
- En cas d'inhalation, placer la victime à l'air frais. Si les symptômes persistent, appeler un médecin.
- En cas d'ingestion, ne pas tenter de faire vomir. Appeler un médecin immédiatement.

### LIRE LA FICHE SIGNALÉTIQUE AVANT D'UTILISER CE PRODUIT

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- Irritante para los ojos y la piel.
- Evitar el contacto con los ojos y la piel.
- Usar vestimentas de protección adecuadas.
- Mantener fuera del alcance de los niños.
- En caso de contacto con los ojos, enjuagar con abundante agua. Llamar a un médico si la irritación persiste.
- En caso de contacto con la piel, enjuagar con abundante agua. Llamar a un médico si la irritación persiste.
- En caso de inhalación, mover a la víctima a un lugar con aire fresco. Si los síntomas persisten, llamar a un médico.
- En caso de ingestión, no inducir el vómito. Llamar inmediatamente a un médico.

### LEER LA FICHA DESCRIPTIVA ANTES DE UTILISAR EL PRODUCTO

**CFR Division of Tacony Corporation**