

# MATERIAL SAFETY DATA SHEET

Page No. 1 of 3

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AIR-O-DOR

**DATE:** March 10, 2007

**SUPPLIER:** Melrose Chemicals Ltd.  
2323-46th ave.  
Lachine, QC  
CANADA H8T 3C9  
Tel: +1 (514) 631-2998  
Fax: +1 (514) 631-2997

**PRODUCT USE:** Deodoriser

## II. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identity:	EINECS #	CAS #	% Conc.	Toxicity
(R)-p-mentha-1-8-diene	227-813-5	5989-27-5	3 - 7	Xi, N;R10 36/38 43 50/53
Methyl Salicylate	204-317-7	119-36-8	3 - 7	
<b>Ingredients according to Directive 2004/648/EC</b>				
Non-ionic surfactants	>5%			
Perfumes	5 - 15%			

## III. HAZARDS IDENTIFICATION

**Hazard classification of product according to Directive 1999/45/EC:** Xi, irritant, N, dangerous for the environment.

**Hazards for humans:** Irritating to eyes and skin. May cause sensitization by skin contact.

**Hazards for environment:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 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:** Requires source of ignition, presence of air, and a temperature greater than the flash point.

**Means of extinction:** Use carbon dioxide, water fog, alcohol foam, dry chemical (preferred).

**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:** Use with adequate ventilation for misting operations.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

**Flashpoint and method of determination:** 80°C (C.O.C.)

**Flammable limits (% in air):** LOWER: 2%

UPPER: 12%

# MATERIAL SAFETY DATA SHEET

Page No. 2 of 3

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

**Physical State:** Liquid

**Coefficient of n-octanol/water distribution:** Not determined.

**Odour:** Citrus

**Specific Gravity:** 0.95

**Vapour Pressure:** Not determined.

**Evaporation Rate:** Not determined.

**Solubility in water:** Complete

**Vapour density:** Not determined.

**Boiling Point:** 80 -125°C

**Freezing Point:** 0°C

**pH:** 7.2 - 8.6

**Colour:** Orange/brown

**Odour threshold:** 50 ppm

## 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 in eyes.

**Exposure Limits:** LD<sub>50</sub> (Calculated) 9000 mg/kg

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

**Irritating:** No

**Sensitisation to product:** Yes

**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

**Ecotoxicity:** The surfactants contained in this product comply with the biodegradability criteria as laid down in Directive 2004/648/EC.

## XIII. DISPOSAL CONSIDERATIONS

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

20 01 29 (detergents containing dangerous substances 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.

# MATERIAL SAFETY DATA SHEET

Page No. 3 of 3

**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-2b



**Danger symbol:** Xi, irritant, N, dangerous for the environment



**Risk phrases:** 22 Harmful if swallowed.

**36/38** Irritating to eyes and skin.

**43** May cause sensitization by skin contact.

**51/53** Toxic to aquatic organisms and may cause long-term effects in the aquatic environment.

**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*.

This Material Safety Data Sheet is in conformation with Directive 2001/58/EC and local regulations.

R-Sentences of ingredients in paragraph II:

**10** Flammable.

**36/38** Irritating to eyes and skin.

**43** May cause sensitization by skin contact.

**50/53** Very toxic to aquatic organisms and may cause long-term effects in the aquatic environment.

**Replaces: M.S.D. dated:** March 10, 2004

**Version:** 8

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