

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**PRODUCT NAME:** ENVIREAU**DATE:** February 15, 2006**SUPPLIER:**

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

PRODUCT USE: Cleaner**II. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical Identity:	EINECS #	CAS #	% Conc.	Toxicity
Na Dodecylbenzenesulphonate	246-680-4	25155-30-0	5 - 10	Xi; R36/38
Alcohol C14-15 ethoxylated	polymer	68951-67-7	5 - 10	Xn, N; R22, 41, 50
(R)-p-mentha-1-8-diene	227-813-5	5989-27-5	15 - 40	Xi, N; R10 38 43 50/53
Ingredients according to Directive 2004/648/EC				
Anionic surfactants	5 - 15%			
Nonionic surfactants	5 - 15%			

III. 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:** 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:** 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:** Clean up spills promptly. Surfaces can be slippery. Treat as an oil spill. For small spills, absorb on inert material (clay, sand, dirt, etc.). For large spills, contain with absorbant material and contact a disposal company. In all cases, package in a hazardous waste approved container. Observe recommended control measures.**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:** Do not store near excessive heat or open flame. Store in closed containers.**VIII. EXPOSURE CONTROL/PERSONAL PROTECTION****Respiratory Protection:** Not applicable.**Protective Gloves:** Rubber 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: Not determined. UPPER: Not determined.**Auto-Ignition temp.:** Not determined.**Physical State:** Liquid**Vapour density:** Not determined.

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

Odour: Citrus

Boiling Point: 105°C

Specific Gravity: 1.0

Freezing Point: -2°C

Vapour Pressure: Not determined.

pH: 9.5 - 11.0

Evaporation Rate: Not determined.

Colour: Yellow

Solubility in water: Complete

Odour threshold: Not determined.

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 and in eyes.

Exposure Limits: LD₅₀ (Calculated) 9000 mg/kg

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

Irritating: Yes

Sensitisation to product: No

Carcinogenicity: Data not available.

Reproductive toxicity: Data not available.

Teratogenicity: Data not available.

Mutagenicity: Data not available.

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

XII. ECOLOGICAL CONSIDERATIONS

Environmental toxicity information: 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 39 (detergent containing dangerous substances).

For the packaging: EC disposal code №:

15 01 04 (metallic packaging). Can be recycled.

XIV. TRANSPORT INFORMATION

CARRIAGE BY ROAD (CROSSING BORDERS) ADR/RID:

ADR/RID Class:	3	F1
Hazard Identification Number:	30	
UN Number:	1993	
Packing group:	III	
Label:	3	
UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Dipentene)	

TRANSPORT BY SEA IMDG:

IMDG Class:	3
UN Number:	1993
Packing group:	III
EMS Number:	F-E, S-E
Label:	3
Marine pollutant:	No
UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Dipentene)

TRANSPORT BY AIR ICAO-TI and IATA-DGR:

ICAO/IATA Class:	3
UN Number:	1993
Packing group:	III
Label:	3
UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Dipentene)

XV. REGULATORY INFORMATION

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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 B-3; Class D, div 2b.

Danger symbol: Xi, irritant, N, Dangerous for the environment



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

51/53 Toxic to aquatic organisms, may cause long-term adverse 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* and national legislation.

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

R-Sentences of ingredients in paragraph II:

10 Flammable.

22 Harmful if swallowed.

36/38 Irritating to eyes and skin.

41 Risk of serious damage to eyes.

43 May cause sensitisation by skin contact.

50 Very toxic to aquatic organisms.

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

Replaces: M.S.D. dated: February 15, 2004

Version: 7

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