

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CARBO-STRIP

DATE: July 7, 2009

SUPPLIER: Melrose Chemicals Ltd.
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PRODUCT USE: Boil-out degreaser

II. HAZARDS IDENTIFICATION

Hazard classification of product according to Directive 1999/45/EC: C, Corrosive

Hazards for humans: Causes burns.

Hazards for environment: Strongly alkaline, pH value of water can harm water-organisms.

III. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identity:	Index #	EINECS #	CAS #	% Conc.	Toxicity
Sodium hydroxide	011-002-00-6	215-185-5	1310-73-2	30 - 60	C; R35

Ingredients according to Directive 2004/648/EC

Amphoteric surfactants <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: Use with adequate ventilation for misting operations.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint and method of determination: Not applicable.

Flammable limits (% in air): LOWER: Not applicable. UPPER: Not applicable.

Auto-ignition temp.: Not applicable.

Physical State: Liquid

Vapour density: Not available.

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

MATERIAL SAFETY DATA SHEET
According to 1907/2006/EC, Article 31, Annex II. (REACH)

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Odour: Slight surfactant odour
Specific Gravity: 1.53
Vapour Pressure: Not available.
Evaporation Rate: Not available.
Solubility in water: Complete

Boiling Point: 140°C
Freezing Point: 14°C
pH: 13.5 - 14
Colour: Colourless
Odour threshold: 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.
Exposure Limits: LD₅₀ (Calculated) 500 mg/kg
Effect of acute and chronic exposure to product: Causes burns.
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: Strongly alkaline, pH value of water can harm water-organisms.

XIII. DISPOSAL CONSIDERATIONS

For the product: EC disposal code №:
06 02 04 (waste from the manufacture, formulation, supply and use of sodium hydroxide).
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:	8	C5
Hazard Identification Number:	80	
UN Number:	1824	
Packing group:	II	
Label:	8	
UN proper shipping name:	SODIUM HYDROXIDE SOLUTION	

TRANSPORT BY SEA IMDG:

IMDG Class:	8
UN Number:	1824
Packing group:	II
EMS Number:	F-A, S-B
Label:	8
Marine pollutant:	No
UN proper shipping name:	SODIUM HYDROXIDE SOLUTION

TRANSPORT BY AIR ICAO-TI and IATA-DGR:

ICAO/IATA Class:	8
UN Number:	1824
Packing group:	II
Label:	8

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Packing instructions 809 & 813
UN proper shipping name: SODIUM HYDROXIDE SOLUTION

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 E

Danger symbol: C, corrosive



Risk phrases: 35 Causes severe burns.

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

37/39 Wear suitable gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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 1907/2006 (REACH) and local legislation.

R-Sentences of ingredients in paragraph III:

35 Causes severe burns.

Replaces: M.S.D. dated: April 22, 2007

Version: 8

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

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