

Section 1: Identification of the Substance/Mixture and of the Supplier

Product Name: CARBON OFF
Proper Shipping Name TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S
Recommended use: Immersion De-carbonising Chemical
Company Details Marketing Chemicals Ltd
Address: 7/343 Church Street , Penrose,
Auckland. New Zealand
Telephone: +64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
Fax: +64 9 634 3864
Emergency Telephone: +64 274 736008(24 hours)
National Poison Centre(24 hours): 0800 POISON [764 766]
Date of preparation 17 October 2008

Section 2: Hazard Identification



DANGER:

- Fatal if inhaled.
- Suspected of causing cancer.
- May cause damage to organs through prolonged or repeated exposure.
- Causes severe skin burns and eye damage.

HSNO Approval Number: Group Standard is HSR002627.

Prevention:

- Keep out of reach of children.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear suitable respiratory protection.
- Do not breathe vapours/spray.
- Wear protective gloves and eye/face protection.
- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.

Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Phenol	10.0 – 60.0	108-95-2
Caustic Soda	10.0 – 60.0	1310-73-2
Dichloromethane	10.0 – 60.0	75-09-2
Tall Oil Fatty Acid	10.0 – 60.0	
Water	<10.0	7732-18-5

Section 4: First Aid Measures

Eyes:	Immediately call a POISON CENTER or doctor/physician. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.
Ingestion:	If medical advice is needed, have product container or label at hand. Rinse mouth. Do NOT induce vomiting.
Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

Section 5: Fire Fighting Measures

Flash Point:	Not available
Auto ignition Temperature:	Not available
Flammable Limits in Air % by Volume:	Not available
Extinguishing Media:	Water fog, CO2 or Dry Powder
Fire Fighting Instructions:	Full respiration equipment is advisable
Unusual Fire and Explosion Hazards:	

Section 6: Accidental Release Measures

Do not release into waterways.

Section 7: Handling And Storage

Handling & Storage:	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from physical damage. Clean up all spills immediately to prevent secondary accidents.
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Section 8: Exposure Controls/Personal Protection

Engineering Controls:	General (mechanical) room ventilation is considered satisfactory in enclosed spaces.
Eye / Face Protection:	Safety Glasses/Full face masks
Body Protection:	PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.
Respiratory Protection:	Avoid exposure to spray mist. Suitable respiratory protection should be worn.
Exposure Limits:	Not available

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Section 9: Physical And Chemical Properties

Appearance	Clear Yellow-Brown Liquid
Odour:	Chlorinated Solvent Odour
Specific Gravity	1.16
Vapour Pressure	Not available
Vapour Density	Not available
Solubility in water	Emulsifies
% Volatiles	87
Evaporation Rate	Not available

Section 10: Stability And Reactivity

Stability of the Substance:	Stable
Conditions to avoid:	Heat, Spark
Materials to avoid:	Oxidising agents, heat sources
Hazardous Decomposition Products:	High temperature decomposition may result in chloride & phosgene fumes
Conditions Contributing to Hazardous Polymerization	Will not polymerise

Section 11: Toxicological Information

Eyes:	SPECIES: Rabbit. ; RESULT: Corrosive. REFERENCE SOURCE: DOW Deutschland Inc., Werk Stade Stade 5 Hughes (1946) cited in: Martin F.M., Report EPA/600/8-88/081, Order-Nr. PB88-231949, 1988 ;[IUCRID 2000] REMARK: EC Classification = Risk of serious damage to eyes.
Skin:	SPECIES: ;RESULT: Corrosive irritant. SPECIES: Mouse ;RESULT: Highly corrosive REMARK: EC Classification = Causes severe burns.
Ingestion:	SPECIES: Cat ;ENDPOINT: LD50 ;VALUE: 0.1 g/kg (= 100 mg/kg)
Inhalation:	Inhalation Form: dust/mist ; SPECIES: Mouse ;ENDPOINT: LC50 ;VALUE: 0.117 mg/L

Section 12: Ecological Information

SPECIES: Oncorhynchus mykiss (Fish, fresh water) ;TYPE OF EXPOSURE: Static
DURATION: 96 hr ;ENDPOINT: LC50 ;VALUE: 45.4 mg/l
SPECIES: Ceriodaphnia dubia Water flea ;TYPE OF EXPOSURE:
DURATION: 48 hr ;ENDPOINT: EC50 ;VALUE: 40.38 mg/l

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Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

Section 14: Transport Information

UN No: 2927
Proper Shipping Name: TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S
Dangerous Goods Class: 6.1
Subsidiary risk: 8
Packing Group: II
Hazchem Code:



Section 15: Regulatory Information

HSNO Approval No: HSR002627
Group Standard: N.O.S. (Toxic [6.1, 6.7], Corrosive)
HSNO Classes: 6.1B, 6.7B, 6.9B, 8.2B, 8.3A

Section 16: Other Information

New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]
New Zealand Emergency Services: 111

For General Information: John Crombie, Manager, Marketing Chemicals Ltd,
Phone: +64 (09) 634 3862 / +64 (0)27 473 6008
Fax : +64 (09) 634 3864

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End of Safety Data Sheet.