



# SAFETY DATA SHEET

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

**Product Name:** TANK BOOST  
**Proper Shipping Name** CORROSIVE LIQUID, TOXIC, 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** 9 October 2008

## Section 2: Hazard Identification



### DANGER:

- Fatal if inhaled.
- Toxic if swallowed.
- Toxic in contact with skin.
- May cause genetic defects
- Suspected of damaging fertility or the unborn child.
- Causes severe skin burns and eye damage.
- Toxic to aquatic life.
- Toxic to terrestrial vertebrates.

**HSNO Approval Number: Group Standard HSR002595.**

### Prevention:

- Keep out of reach of children.
- Do not breathe fume/gas/mist/vapours/spray.
- Use only outdoors or in a well-ventilated area.
- Wear respiratory protection.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after handling.

## Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Phenol	40.0- 60.0	108-95-2
Dichloromethane	40.0- 60.0	75-09-2

## Section 4: First Aid Measures

<b>Eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin:</b>	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.
<b>Ingestion:</b>	If medical advice is needed, have product container or label at hand. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.
<b>Inhalation:</b>	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

<b>Flash Point:</b>	Not available
<b>Auto ignition Temperature:</b>	
<b>Flammable Limits in Air % by Volume:</b>	
<b>Extinguishing Media:</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Fire Fighting Instructions:</b>	May be combustibile at high temperature
<b>Unusual Fire and Explosion Hazards:</b>	Phenol + nitrides results in heat and flammable gas generation. Phenol + mineral oxidizing acids results in fire. Phenol + calcium hypochlorite is an exothermic reaction producing toxic fumes which may ignite.

## Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spillage in a convenient waste disposal container.

Large Spill: Corrosive liquid

Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapours. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

## Section 7: Handling And Storage

<b>Handling</b>	Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.
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**Storage:** Store locked up. Keep container tightly closed. Keep container in a cool, well-ventilated area. Protect from physical damage. Clean up all spills immediately to prevent secondary accidents.

## 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:** Vapour and dust respirator. Be sure to use an approved/certified respirator or equivalent

**Exposure Limits:  
(for Phenol)** TWA: 5 (ppm) from ACGIH (TLV) [United States] SKIN  
TWA: 19 (mg/m3) from ACGIH (TLV) [United States] SKIN  
TWA: 5 from NIOSH [United States]  
TWA: 19 (mg/m3) from NIOSH [United States]  
TWA: 5 (ppm) from OSHA (PEL) [United States]  
TWA: 19 (mg/m3) from OSHA (PEL) [United States]  
TWA: 5 (ppm) [Canada]  
TWA: 19 (mg/m3) [Canada] Consult local authorities for acceptable exposure limits.

## 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 >1

Solubility in water Emulsifies

% Volatiles >87%

Evaporation Rate Not available

## Section 10: Stability And Reactivity

**Stability of the Substance:** Stable under normal conditions

**Conditions to avoid:**

**Materials to avoid:** Oxidizing agents, metals, acids, alkalis.

**Hazardous Decomposition Products:**

**Conditions Contributing to Hazardous Polymerization**

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## Section 11: Toxicological Information

- Eyes:** REMARK: C ? 10 % T; R23/24/25-48/20/21/22-34-68  
3 % ? C < 10 % C ; Xn ; R20/21/22-34-68  
1 % ? C < 3 % Xn ; R36/38-68  
REFERENCE SOURCE: [ECB Annex]  
NOTE: Classified as corrosive based on R34 risk phrase.
- Skin:** SPECIES: Rat; ENDPOINT: LD50 ;VALUE: 525 mg/kg bw  
REFERENCE SOURCE: Phenolchemie GmbH Gladbeck  
Brown, V.K.H. et al., Arch. Environ. Health 30, 1-6 (1975) [iuclid 2000]
- Ingestion:** SPECIES: Cat ;ENDPOINT: LD50 ;VALUE: 0.1 g/kg (= 100 mg/kg)  
REFERENCE SOURCE: [Verschueren, K. Handbook of Environmental Data of Organic Chemicals. 2nd ed. New York, NY: Van Nostrand Reinhold Co., 1983. 982]\*\*PEER REVIEWED\*\*[HSDB]
- Inhalation:** SPECIES: Mouse ;ENDPOINT: LC50; VALUE: 0.117 mg/L  
REFERENCE SOURCE: RTECS

## Section 12: Ecological Information

Eco-toxicity in water (LC50): 125 mg/l 24 hours [Fish (Goldfish)]. >50 mg/l 1 hours [Fish (Fathead minnow)].  
>50 mg/l 24 hours [Fish (Fathead minnow)]. >33 mg/l 72 hours [Fish (Fathead minnow)]. >33 ppm 96 hours [Fish (Fathead minnow)].

## Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

## Section 14: Transport Information

**UN No:** 2922  
**Proper Shipping Name:** CORROSIVE LIQUID, TOXIC, N.O.S.  
**Dangerous Goods Class:** 8  
**Subsidiary risk:** 6.1  
**Packing Group:** III

## Section 15: Regulatory Information

**HSNO Approval No:** HSR002595  
**Group Standard:** Industrial and Institutional Cleaning Products (Toxic [6.1], Corrosive)  
**HSNO Classes:** 6.1B, 6.1C, 6.6A, 6.8B, 6.9A, 8.2B, 8.3A, 9.1D, 9.3B

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## 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.