

# MATERIAL SAFETY DATA SHEET – NATIONAL BOOM KLEEN

## STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of WorkSafe Australia.

## COMPANY DETAILS

Company: CHEMICAL FORMULATORS PTY. LTD.  
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## IDENTIFICATION

Product Name : **NATIONAL BOOM KLEEN**  
 Other Names: : Corrosive Liquid NOS  
 UN Number : 1760  
 Dangerous Goods Class : 8  
 Subsidiary Risk : None allocated  
 Hazchem Code : 2R  
 Poisons Schedule : 6  
 Use : Decontaminant (cleaner) for boom  
 Spraying Equipment

## Physical Description / Properties

Appearance : Clear liquid (chlorine odour)  
 Boiling Point : Above 100°C  
 Vapour Pressure : Not Available  
 Specific Gravity : 1.15  
 Flashpoint : Not Relevant  
 Flammability Limits : Not Relevant  
 Solubility Limits : Miscible in all proportions.

## Other Properties:

Corrosiveness : Corrosive to non-ferrous metals  
 pH (undiluted) : 13.5

## Ingredients

All hazardous substances as defined by the NOHSC Code are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as non hazardous ingredients.

Chemical Name:	CAS No:	Proportion:
Potassium Hydroxide	1310-58-3	Less than 10%
Sodium Hypochlorite	7681-52-9	Less than 10%
Non Hazardous Ingredients -		Less than 10%
Water		Up to 100%

## HEALTH HAZARD INFORMATION

### Health effects

#### Acute:

Swallowed : Corrosive. Causes burns to mouth, throat and gastro-intestinal tract.

Eye : Very corrosive. Causes severe burns. Risk of serious damage to eyes.

Skin : Corrosive. Causes severe burns.

Inhaled: : Corrosive mist.

**Chronic:** Prolonged exposure to low concentration solutions may cause skin irritation to skin, eyes and mucous membranes.

## First Aid

### Swallowed:

Contact a Doctor or Poisons Information Centre. Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If the patient is not fully conscious do not give anything by mouth.

### Eye:

In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Get urgent medical attention.

### Skin:

Remove contaminated clothing immediately and wash skin thoroughly with water.

### Inhaled:

Leave contaminated area.

### First Aid Facilities:

Eye wash. Fresh water.

### Advice to Doctor:

Caustic product. Treat chemical burns if present.

## PRECAUTIONS FOR USE

### Exposure Standards:

Peak limitation for potassium hydroxide is 2 mg/m<sup>3</sup>.

### Engineering Controls:

Avoid generating and inhaling mists at concentrations above 5% without appropriate ventilation.

### Personal Protection:

Avoid contact with the skin and eyes. Avoid breathing mist. Wear face shield, overalls or apron, protective footwear and natural rubber or PVC gloves when using undiluted product.

### Flammability:

Not flammable or combustible.

## SAFE HANDLING INFORMATION

### Storage and Transport:

Always store in a cool place. Dangerous Goods Class 8 – must be stored and transported in accordance with State or Territory dangerous goods regulations.

### Spills and Disposal:

May be flushed to sewer with water but prevent larger spillages from entering stormwater drains or water courses. To contain spillages, absorb on sand or similar absorbing material, such as Attapulgite, and collect in drums. Residues may be flushed away with water.

### Fire/Explosion Hazard

Not applicable as product is non-combustible.

### Other Information

The Peak Limitation quoted above is the Worksafe Adopted National Exposure Standard for the maximum or peak airborne concentration over the shortest analytically practicable period of time which does not exceed 15 minutes.

*This MSDS is valid for five years from date of issue but readers should contact Chemform to ensure that this is the latest issue. As per the Worksafe Guidance Note NOHSC 3017, each user should review the information in the specific context of the intended application.*

Contact Point: Technical Manager (08) 9344 2455 ISSUE DATE: MARCH 2001  
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