



LIGHTNING PRODUCTS PTY LTD

ACN 004 439 669
ABN 56 004 439 669

MATERIAL SAFETY DATA SHEET



Product Name:
Tuff Cleaner / Degreaser :
Manufactures Code: 930

Date of Issue: 17-02-2011
Emergency Telephone Number:
(03) 8368 2522 BH only
Pages 1 of 4

IDENTIFICATION

Statement of Hazardous Nature

This material is Hazardous according to the criteria of NOHSC Australia.

- R41 Risk of serious damage to eyes.
S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

U.N. NUMBER	:	N/A
DANGEROUS GOODS CLASS	:	N/A
POISON SCHEDULE	:	5
HAZCHEM	:	N/A
SUBSIDIARY RISK	:	N/A
PACKAGING GROUP	:	N/A

PRODUCT USE

Multi-purpose, water based, quick break cleaner. Foam onto surface through a pressure washer or hand held foamer and rinse product contacting surfaces with potable water after use.

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE	:	Clear red liquid.
BOILING POINT/MELTING POINT	:	Approximately 100°C.
FLASHPOINT	:	Greater than 61°C.
FLAMMABILITY	:	No data.
VAPOUR PRESSURE	:	No data.
SOLUBILITY IN WATER	:	Soluble at all concentrations.
SPECIFIC GRAVITY	:	1.04

OTHER PROPERTIES

pH(NEAT) : 13-14



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INGREDIENTS

(All regulated ingredients included)

CHEMICAL ENTITY	CAS NO.	PROPORTION
Sodium Metasilicate	[10213-79-3]	1-5% w/w
Other Non-Hazardous Ingredients		to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

(NOTE:- More detailed information on individual ingredients – next page).

ACUTE

- Swallowed : Low toxicity. May cause gastric upset and irritate throat and mouth.
- Eye : Moderate irritant.
- Skin : Prolonged or repeated exposure may lead to loss of natural oils and skin dryness.
- Inhaled : Inhalation of mist/spray particles may irritate respiratory tract.

CHRONIC : No known chronic disorders.

FIRST AID

- Swallowed : DO NOT induce vomiting. Give a glass of water and seek medical advice.
- Eye : Hold eyes open and flood with water 15 minutes. If irritation occurs seek medical advice.
- Skin : Wash affected area with soap and water.
- Inhaled : Move to fresh air.

First Aid Facilities: No extra-ordinary requirements.

ADVICE TO DOCTOR:

Treat symptomatically.



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<p style="text-align: center;">HEALTH HAZARD INFORMATION ON INDIVIDUAL HAZARDOUS INGREDIENTS</p>

NOTE:- In the final mixture, the hazards of an ingredient can be modified. The below information needs to be interpreted as such:-

ORAL LD50 (rat) : 4400mg/kg.

NOTE:- At low concentration in product and in form of microemulsion with water, thus effects are significantly reduced.

SODIUM METASILICATE

Powder is corrosive and susceptible to dusting. Health effects in powder form include skin and eye irritation. Inhalation of powder will result in respiratory irritation. Harmful by ingestion.

NOTE:- In solution at low concentration in product thus effects are significantly reduced.



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PRECAUTIONS FOR USE

- EXPOSURE STANDARDS : None established. Low hazard material.
- ENGINEERING CONTROLS : Not normally required.
- PERSONAL PROTECTION : If handling constantly wear PVC gloves. If splashing possible wear goggles.
- FLAMMABILITY : Non-flammable.

SAFE HANDLING INFORMATION

- STORAGE AND TRANSPORT : Store away from acids.
- SPILLS AND DISPOSAL : Mop up or flush small quantities to water.
- FIRE/EXPLOSION HAZARD : No known hazardous decomposition products.
- FIRE FIGHTING METHOD : Water Spray, Carbon Dioxide, Foam or Dry Chemical.

OTHER INFORMATION

- CONTACT POINT** : Technical Manager
Phone (03) 8368 2522
- POISONS INFORMATION CENTRE** : Australia 131 126
New Zealand 0800 764 766