

# Material Safety Data Sheet

Product Name: **OPTIMAX TUFISKY 2**

Product No: **4867**

UN No: **3266** D. G. Class: **8** Sub Risk: Pack. Grp: **III** Hazchem: **2X**

Poisons Schedule No: **6**

## Hazardous according to the criteria of NOHSC

R35 Causes severe burns

R41 Risk of serious damage to eyes

S24/25 Avoid contact with skin and eyes

S36/37/39 Wear suitable protective clothing, gloves and face protection

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre

## PRODUCT IDENTIFICATION

Other Names: Corrosive Liquid, Basic, Inorganic nos (contains Sodium and Potassium Hydroxides)

## Physical Properties:

Appearance:	Hazy brown liquid with irritating odour	Specific Gravity:	1.125
Flash Point:	Non-flammable	pH:	(1%) 14
Flammability Limits:	N/A	Vapour Pressure:	N/A
Solubility in Water:	100%	Boiling Range:	100°
Volatile Component:	60%		

Use: Circulating in-place cleaning

## Ingredients:

Ingredients:	CAS No:	Proportion:
Potassium Hydroxide	1310-58-3	< 20%
Sodium Hydroxide	1310-73-2	< 20%
Triethanolamine	102-71-6	< 10%
Sodium Gluconate	527-07-1	< 1%
Amphoteric Surfactant	68604-71-7	< 10%
Ethylenediamine Tetra-acetic Acid	60-00-4	< 1%
Water	7732-18-5	40 - 60%

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## HEALTH HAZARD INFORMATION

### Health Effects:

Acute (short term):

**Eye:** Will cause severe damage to eyes if not treated immediately

**Skin:** Causes burns

**Inhalation:** Inhalation of dust or mists will result in respiratory irritation

**Swallowed:** Very harmful if swallowed. Will cause severe damage to gastrointestinal tract

### Chronic (long term):

#### First Aid:

**Swallowed:** Do NOT induce vomiting. Give milk or water to drink. SEEK IMMEDIATE MEDICAL ADVICE AND CALL AN AMBULANCE.

**Skin:** Remove contaminated clothing and wash affected areas thoroughly. SEEK IMMEDIATE MEDICAL ADVICE.

**Eyes:** Hold eye open and flush with running water for 15 minutes. SEEK IMMEDIATE MEDICAL ADVICE.

**Inhaled:** Remove victim from contamination point. If recovery is not immediate seek Medical advice

**Advice to doctor:** Treat symptomatically. Product is a strong alkali

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## PRECAUTIONS FOR USE

**Exposure Standards:** Sodium Hydroxide TLV 2mg/m<sup>3</sup>

**Engineering Controls:** Not compatible with aluminium, zinc or brass alloys

**Personal Protection:** PVC or rubber gloves and apron. Tight fitting chemical goggles.

**Flammability:** Not flammable

## SAFE HANDLING AND DISPOSAL INFORMATION

**Storage and Transport:** Corrosive Class 8  
Do not store in aluminium or galvanised containers.  
Containers should be kept closed at all times.  
Store away from acids.

**Spills and Disposal:** Small spills may be washed away with water. Large spills may be contained with sand or earth. Neutralise using dilute acid.

**Fire/Explosion Hazard:** Contact with aluminium, zinc or brass may release explosive hydrogen gas

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to its use together with any other material or in any process.

**Contact Phone: (02) 4956 5500**  
ask for technical assistance

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