



## STATEMENT OF HAZARDOUS NATURE

Hazardous According to Criteria of Work safe Australia

## IDENTIFICATION

Product Name:	Liquid Intelligents 836
Chemical Name:	Penetrating Lubricant.
Other Names:	No Data.
Manufacturer's Product Code:	836
UN Number: 1	993.
Dangerous Goods Class	3.
Subsidiary Risk[s]:	3.2
Hazchem Code:	3(Y)
EPG NO:	No Data.
Poisons Schedule Number:	5
Toxic and Hazardous	
Ingredients:	Carrier Fluid
Uses:	Water displacing and penetrating fluid, Lubricant, Rust preventive, Application by spray, dip or brush.

## PHYSICAL DESCRIPTION AND PROPERTIES

Colour:	Light Green.
Appearance:	Bright , low viscosity Light Green Fluid.
Form:	Liquid
Boiling Point:	145°C (solvent)
Melting Point:	Not Applicable.
Vapour Pressure:	@ 25°C, mm HG:1,
Specific Gravity:	kg/L @ 15.0°C: 0. 843
Volatiles:	No Data.
Evaporation Rate:	No Data.
Vapour Density:	No Data.
Odour:	Sharp Hydrocarbon Odour.
Solubility in Water	Nil.

## FLASH POINT

Solvent:	70°C.
Lubricant residue:	>250°C
Flammability Limits	No Data
Auto ignition Temperature:	No Data

## MATERIAL SAFETY DATA SHEET

### INGREDIENTS

Chemical Name	CAS Number	Proportion
White Spirits	8042-47-5	30-60%.
Highly refined Mineral Oil (Does not contain PCB's)	64742-65-0	30-60%.
Butyl Cello solve	111-76-2	2-5%
Other	Included on USA TSCA Inventory	2-5%

### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS:

##### Acute:

- Swallowed:** Expected to be slightly toxic. May cause gastric irritation.
- Skin:** May cause irritation. Prolonged or repeated contact may cause irritation.
- Eyes:** May cause irritation.
- Inhaled:** Inhalation of vapours may cause drowsiness or narcosis and irritation to the nose and throat.

##### Chronic:

- LC 50:** No Data
- LD 50:** No Data

#### FIRST AID:

- Swallowed:** Do not induce vomiting. Aspiration of the fluid may cause lung injury immediately. (pneumonitis). Call a Doctor
- Skin:** Wash thoroughly with soap and water.
- Eyes:** Flush with water for 15 minutes, at least with eyelids open.
- Inhaled:** If respiratory irritation occurs move person to fresh air. If irritation continues call a Doctor.

#### ADVICE TO DOCTOR:

Refer First Aid above.

### PRECAUTIONS FOR USE

- Exposure Standards:** TLV for mineral oil mists is 5 mg/m<sup>3</sup>
- Engineering Controls:** Mechanical exhaust with spark arrested motor is recommended if misting occurs
- Personal Protection:** Not generally required. Avoid prolonged or frequently repeated contact. Wash skin thoroughly with soap  
And water after contact. Preferred to use safety

**MATERIAL SAFETY DATA SHEET**

Flammability: glasses and neoprene or nitrile rubber gloves for frequent contact.  
sources. Flammable, avoid naked flames and ignition

**SAFE HANDLING INFORMATION**

Storage and Transport: Store in steel or HDPE plastic drums.  
Store away from strong oxidising agents.  
Refer Dangerous Goods Class 3.2

Storage Temperature: Store at ambient temperature.

UN Class: No Data

Packaging Group: III

UN Number: 1993

EPG Number: No Data

Correct Shipping Name: Penetrating Lubricant.

Spills and Disposals: Absorbents such as cat litter, clays and rags to  
clean Up spills. Dispose of absorbent in approved  
disposal containers. Note area may be  
slippery

Fire/Explosion Hazard: Flammable substance. Do not store or handle near  
heat, naked flame or sparks. Evacuate area. Use  
foam,  
if BCF, carbon dioxide or dry chemical extinguishers  
product ignites.

Decomposition Products: Incomplete combustion may promote oxides of  
carbon..

Hazchem Code: 3(Y)

Extinguishant: Use foam, BCF, carbon dioxide or dry chemical  
extinguishers, treat for class B fire.



**MATERIAL SAFETY DATA SHEET**

**DANGER OF VIOLENT REACTION OR EXPLOSION: Yes,**

Protective Clothing;	Solvent Flash Point 52°C
Appropriate Measures;	Full Body Suit plus breathing equipment
Evacuate;	No Data.
	Yes, Immediate Area, Class 3 Solvent.

**OTHER INFORMATION:**

TLV for mineral oil mists is 5mg/m<sup>3</sup>.

**CONTACT POINT:**

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