

Product Name : UCON LUBRICANT

Ramset NZ

Other Names : None

A Division of ITW NZ Ltd

Part No. : B20544F

PO Box 40-031

MSDS No. : NZ5600

Glenfield, Auckland

Date & Issue : DEC 03 / ISSUE A

www.ramset.co.nz

1: RECOMMENDED USE

Impulse Oil

2: HAZARDS IDENTIFICATION

UN No	:	Hazchem Code	:
Hazard Class	:	Poisons Schedule	:
Subsidiary Risk	:	CAS No	:
SPEC EPG	:	G T EPG	:
NIOSH	:	Packing Group	:
D G Class	:	IMDG	:

3: PHYSICAL DESCRIPTION & PROPERTIES

Appearance:

Transparent colourless to pale yellow

Flammability Limit	:	Not determined	Solubility in Water	:	<0.1% @ 20°C
Specific Gravity	:	0.999 (H2O = 1)	Boiling/ Melting Point	:	>200°C
Form @ 20°C	:	Liquid	Flashpoint	:	233°C closed cup/ 279°C open cup
Vapor Pressure	:	<0.01mmHg @ 20°C	Net Explosive Content	:	

4: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	(CAS No)	Content Proportion
Polypropylene Glycol Monobutyl Ether	9003-13-8	>95
N-phenyl-alpha-naphthylamine	90-30-2	Low

Content Proportion: High > 60% Medium 10-60% Low 1-10% Very Low <1%

[PRINT DOCUMENT](#)[BACK TO CONTENTS](#)**NATIONAL POISONS INFORMATION CENTRE**
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PAGE No: 0800 764 766
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: 1 of 4

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www.ramset.co.nz**5: HEALTH HAZARD INFORMATION******TAKE A COPY OF THIS MSDS TO THE DOCTOR******HEALTH EFFECTS: ACUTE:**

Eyes:
No evidence of harmful effects from single or repeated overexposure to product. Overexposure to vapour, aerosol or mist generated at high temperature may result in eye irritation.

Skin:
No evidence of harmful effects from single or repeated overexposure to product.

Inhaled:
Short term harmful health effects are not expected from vapour generated at ambient temperature. Overexposure to vapour, aerosol or mist generated at high temperature may result in respiratory tract irritation, dizziness, nausea and the inhalation of harmful amounts of material.

Swallowed:
No evidence of harmful effects from available information.

HEALTH EFFECTS: CHRONIC:

Exposure to this material may decrease the oxygen-carrying capacity of the blood. Individuals with cardiovascular disease or impairment of the respiratory function may be at increased risk.

FIRST AID ****Take a copy of this MSDS to the Doctor****

Eyes:
Flush eyes thoroughly with water for several minutes. Remove contact lenses if worn.

Skin:
Wash skin with soap and water.

Inhaled:
Remove to fresh air.

Swallowed:
No emergency care anticipated.

Advice to Doctor:
There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Toxicity data:
Contains one or more amines which may react with nitrites to form nitrosamines. Some nitrosamines have been shown to be carcinogenic in laboratory animals.
Under California Proposition 65, this product contains trace levels of Alpha-naphthylamine, beta-naphthylamine and Aniline known to the State of California to cause cancer. Components present in this product at a level which could require reporting under the Massachusetts listing statute are:

Chemical	Cas number	Upper bound concentration %
Beta-Naphthylamine	81-59-8	0.00010

PRINT DOCUMENT**BACK TO CONTENTS****NATIONAL POISONS INFORMATION CENTRE****RAMSET NZ****MSDS's AVAILABLE ON LINE AT****PAGE No****: 0800 764 766****: 09 444 3510****: www.ramset.co.nz****: 2 of 4**

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Alpha-Naphthylamine 134-32-7 0.00100

Aniline 82-53-3 0.00500

6: PRECAUTIONS FOR USE**EXPOSURE LIMITS:**

None established by OSHA or ACGIH

VENTILATION:

General (mechanical) room ventilation is satisfactory for use at low temperatures. If used at high temperatures, special local ventilation is recommended at points where vapours can be expected to escape to the workplace air.

PERSONAL PROTECTION:Eyes:

Safety glasses.

Hands & Feet:

Wear polyvinyl chloride coated protective gloves.

Respiratory

Avoid breathing vapour, aerosol and mist. No respiratory protection required for use at low temperatures.

Other:

Wash thoroughly after handling. Have eye bath and safety shower accessible.

ENVIRONMENT:

This product has very low solubility in water. Avoid drainage of large spills to sewers or to natural waters.

7: SAFE HANDLING & STORAGE**STORAGE & TRANSPORT:**

Keep container closed.

PACKAGING & LABELLING:**SPILLS & DISPOSALS:**

If material is released or spilled, wear suitable protective equipment. Small spills can be flushed with large amounts of water; larger spills should be collected for disposal. This product has very low solubility in water. Avoid drainage of large spills to sewers or to natural waters. Incinerate in a furnace or otherwise dispose of in accordance with appropriate Federal, State and local regulations.

[PRINT DOCUMENT](#)[BACK TO CONTENTS](#)

NATIONAL POISONS INFORMATION CENTRE

: 0800 764 766

RAMSET NZ

: 09 444 3510

MSDS's AVAILABLE ON LINE AT

: www.ramset.co.nz

PAGE No

: 3 of 4

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8: FLAMMABILITY

Fire/Explosion hazard : Firefighters should use self contained breathing apparatus and protective clothing. Combustion may produce oxides of carbon and nitrogen. Carbon monoxide is highly toxic if inhaled, carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

Extinguishing Media : Apply alcohol type of all purpose foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Do not direct a solid stream of water or foam into hot, burning pools: this may cause frothing and increase fire intensity.

Upper Explosion Limit : Not determined**Dust Explosion Limit** :**Lower Explosion Limit** : Not determined**May Decompose Explosively** :**Other Safe Handling:**

Normally unreactive, however, avoid strong bases at high temperatures, strong acids, strong oxidising agents and materials reactive with hydroxyl compounds. Warning: do not mix this product with nitrites or other nitrosating agents because a nitrosamine may be formed. Nitrosamines may cause cancer. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Process Hazard: sudden release of hot organic chemical vapours or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into hot equipment under a vacuum, may result in ignitions without the presence of obvious ignition sources. Published 'autoignition' or 'ignition' temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions.

Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Vapour, aerosol or mist of the product and thermal degradation products generated at high temperature can be irritating and harmful if inhaled.

HAZARDOUS DECOMPOSITION PRODUCTS:[PRINT DOCUMENT](#)[BACK TO CONTENTS](#)

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: 0800 764 766

RAMSET NZ

: 09 444 3510

MSDS's AVAILABLE ON LINE AT

: www.ramset.co.nz

PAGE No

: 4 of 4