

Product Name :GENERAL FORM RELEASE**Other Names** :None**Part No.** :GFRL20/ GFRL205**MSDS No.** :NZ1200**Date & Issue** :NOV 03/ ISSUE A

Ramset NZ

A Division of ITW NZ Ltd

PO Box 40-031

Glenfield. Auckland

www.ramset.co.nz

1: RECOMMENDED USE

General purpose concrete release oil for all types of formwork and mould forms. Covers a wide usage range from ornamental work to large surface areas. Particularly suited for precast concrete industry.

2: HAZARDS IDENTIFICATION

UN No : None

Hazard Class :

Subsidiary Risk : None

SPEC EPG : None

NIOSH : None

D G Class : None

Hazchem Code : None

Poisons Schedule : S5 (FED)

CAS No : Mixture

G T EPG : None

Packing Group : None

IMDG : None

3: PHYSICAL DESCRIPTION & PROPERTIES

Appearance : Clear yellow liquid, with a slight characteristic odour

Flammability Ltd : Not specified

Specific Gravity : 0.86

Form : Liquid

Vapor Pressure : Not specified

Other : Viscosity @ 40 deg C – 6.8 cSt

Solubility in Water: Insoluble

Boiling Point : Not specified

Melting Point : Not specified

Flashpoint : 89 deg C (PMCC)

4: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name,	(CAS No)	Content Proportion
: Petroleum mid-distillate (C-9 to C-20)	: 68334-30-5	: >60%
: Fatty acid	: 112-80-1	: <10%
: Highly refined base oils	: 64742-65-0	: <25%

Contents : **H**igh>60% **M**edium 10 – 60% **L**ow 1 – 10% **V**ery Low <1%**PRINT DOCUMENT****BACK TO CONTENTS**

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May cause irritation. Not expected to cause permanent injury.

Skin

Irritant, prolonged or repeated contact may cause blistering and possible burns.

Inhaled

Breathing the vapour or mist at concentrations in air that exceed the WORKSAFE exposure standard may cause respiratory irritation or discomfort, especially if material is heated.

Swallowed

May cause nausea and vomiting. Aspiration of vomited material very hazardous; can cause pneumonitis.

HEALTH EFFECTS: CHRONIC:

No prolonged or repeated exposure information is available.

FIRST AID

***Take a copy of this MSDS to the doctor

Eyes

Flush with copious water for at least 15 minutes. If irritation persists, get medical aid.

Skin

Wash with soap and water. Remove contaminated clothing and wash before re-use.

Inhaled

Remove person to fresh air. If irritation develops or persists seek immediate medical assistance.

Swallowed

Do NOT induce vomiting. Give water to drink. Get immediate medical aid. If aspiration of vomited material occurs, get immediate medical aid.

Advice to Doctor

Tread symptomatically for hydrocarbon poisoning.

First Aid facilities

Eye wash facilities, warm water and mild soap for washing must be provided.

Toxicity data

Middle distillates have caused skin cancer in laboratory animals following lifetime application to the skin. Brief or intermittent skin contact is not expected to cause adverse effects if it is washed thoroughly. Avoid prolonged or repeated skin contact or breathing of vapour or mist.

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STEL: 10mg/m³

Exposure standards mean the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL).

VENTILATION:

Natural ventilation should be adequate under normal use conditions. If mists are generated, maintain concentration below recommended exposure standard. Local exhaust ventilation system should be checked regularly. The performance of the ventilation system should be checked regularly.

PERSONAL PROTECTION:Eyes

No special eye protection is necessary, unless splashing is likely, then it is recommended that safety glasses or goggles be used.

Hands & Feet

Workers should wash exposed skin several times daily with soap and water. Soiled work clothes should be laundered or dry-cleaned.

Respiratory

Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated and the occupational exposure limit of the product, or any component of the product is exceeded, use appropriate AS/NZS 1715/1716 approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

Other**FLAMMABILITY:**

Combustible liquid C1. Will burn if involved in a fire. Avoid sources of ignition, heat and naked flames.

ENVIRONMENT:

This substance may present environmental risks common to oil spills. This material must not be allowed to enter drains, sewers or waterways. For further information please refer to the SPILLS and DISPOSAL section of this MSDS.

OTHER PRECAUTIONS:

None.

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

Store in a well ventilated place, away from ignition sources, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use. Classified as a C1 (combustible liquid) for the purpose of storage and handling, in accordance with the requirements of AS1940. Refer to State Regulations for storage and transport requirements.

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

The product is a scheduled Poison (S5) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act.

Hazard category – harmful, irritant.

Risk Phases: R38 – Irritating to skin.

R40 – Possible risk or irreversible effects.

Safety Phases: S28 – After contact with skin, wash immediately with plenty of soap and water.

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

PACKAGING & LABELLING:

No special packaging or labeling instructions.

SPILLS & DISPOSALS:

Procedures in case of breakage or leakage:

Stop the source of the leak or release and contain spill if possible. Ventilate area. Use respirator and protective clothing as discussed in this MSDS. Cover spill with a generous amount of inert absorbent. Use a stiff broom to mix thoroughly. Sweep up and place in a labelled disposable container. Prevent contamination of groundwater or surface water. Place contaminated materials in labelled disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

OTHER PRECAUTIONS:

May react with strong oxidising materials.

8: FLAMABILITYFire/Explosion hazard:

If leak or spill has not ignited, use water spray to disperse the vapours and to provide protection for persons attempting to stop the leak. For fires involving this material, do not enter any enclosed or confined spaces without self-contained breathing apparatus to protect against the hazardous effects of combustion products of oxygen deficiency.

Extinguishing Media:

Water spray, carbon dioxide, dry chemical or foam. Water or foam may cause frothing. Use water to cool fire exposed containers

Upper Explosion Limit:

Not specified

Lower Explosion Limit:

Not specified

Dust Explosion Limit:

Not applicable

May Decompose Explosively:Other:**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon monoxide and dioxide.

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