



FRASER BROWN & STRATMORE LTD.

Products for Concrete and Construction

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INVINCIBLE

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MATERIAL SAFETY DATA SHEET

PRODUCT: FRE-FORM

CHEMICAL FAMILY: HYDROCARBON PETROLEUM DISTILLATE

SECTION A	IDENTIFICATION	FRE-FORM
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UN NUMBER	NA
HAZARD CLASS:	Non-Hazardous
NZ DANGEROUS GOOD CLASS	Not Regulated
PROPER SHIPPING NAME:	Non Hazardous Goods
PACKAGING GROUP	III
HAZCHEM	3 Y

SECTION B	INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH	FRE-FORM
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Name	CAS Number	Content
DIESEL	68334-30-5	NA

SECTION C	PHYSICAL DATA	FRE-FORM
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VAPOR DENSITY (Air = 1)	No Data
BOILING POINT IN DEGS C	~190°C
FREEZING POINT	< 1°C.
SPECIFIC GRAVITY	0.835
VISCOSITY	Liquid
SOLUBILITY IN WATER	Negligible
APPEARANCE AND ODOUR	Low viscosity oily amber liquid. Pine odour.

SECTION D	FIRE AND EXPLOSION DATA	FRE-FORM
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FLASH POINT	> 100 °C (closed cup)
UNUSUAL OR EXPLOSIVE HAZARDS:	None

SPECIAL FIREFIGHTING PROCEDURES AND UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep fire exposed containers cool by use of a water spray. For fires in enclosed spaces, fire fighters to wear self-contained breathing apparatus.

EXTINGUISHING MEDIA

Carbon dioxide, dry powder, foam or water fog. Do not use a water jet.

ACUTE EFFECTS:

INGESTION	Practically non-toxic. Material aspirated into lung may cause chemical pneumonitis.
INHALATION	Excessive exposure to vapour or spray mists may cause irritation to throat, nose, eyes and lungs. Practically non-toxic.
CONTACT	May cause skin irritation on prolonged or repeated exposure. Persons known to have a history of dermatitis or skin sensitisation should not work in direct contact with FRE-FORM. May cause irritation or redness on contact with eyes. Wear goggles when spraying. Prolonged or repeated skin contact may caused skin defatting which can lead to dermatitis. Wear protective gloves and clothing during application.

FIRST AID:

INHALATION	Remove to fresh air if there are adverse reactions. Obtain medical attention if breathing difficulty.
SWALLOWED	Do not induce vomiting. Give 1 to 2 glasses of water and obtain medical attention. Do not give anything by mouth to an unconscious person.
EYE CONTACT	Flush thoroughly with plenty of water. Seek medical attention if irritation persists.
SKIN CONTACT	Wash with soap and water. Do not use solvents to clean skin. Remove any soaked clothing and launder before reusing. If irritation persists, seek medical attention.

EMERGENCY CONTACT NUMBER

Poisons & Hazardous Chemicals (03) 474 7000

STABILITY

Stable.

MATERIALS TO AVOID

Sources of ignition. Avoid strong acids, halogens and oxidisers.

HAZARDOUS COMBUSTION PRODUCTS

Carbon Monoxide.

HAZARDOUS POLYMERIZATION

Will not occur.

STEPS TO BE TAKEN WHEN MATERIAL IS SPILLED OR RELEASED

Extinguish naked flames, avoid sparks and evacuate personnel from the area. Wear protective equipment as described in section H. Avoid breathing vapour. Soak up liquid with an absorbent material such as sand, earth, sweeping compound or other absorbent material. Package absorbent material or solid product in suitable containers that are in good condition.

Thoroughly clean area where spill occurred. Do not allow material to enter drains, streams or rivers.

WASTE DISPOSAL METHOD

Dispose of in accordance with local rules. Be aware that local requirements may differ widely depending on location and may in many cases be different from national rules.

ENVIRONMENTAL INFORMATION

Prevent spills from entering storm sewers or drains.

VENTILATION

General ventilation is recommended. Avoid excessive inhalation of vapours, especially in confined spaces.

PROTECTIVE GLOVES & CLOTHING

Solvent resistant plastic or rubber gloves.

EYE PROTECTION

Goggles or face shield are recommended when spraying.

OTHER PROTECTION

Respirator or breathing apparatus if applied at elevated temperatures or sprayed in confined spaces.

PRECAUTIONS FOR HANDLING AND STORING

Store in a cool location (15-25 degrees C) away from sources of heat. Keep container tightly closed when not being used.

OTHER PRECAUTIONS

Wash hands after use. Do not smoke or eat while handling this product.

IMPORTANT NOTICE:

The above recommendations are intended for the assistance of users and are of a general nature. They are based on our experience and judgement but because the conditions under which, and the materials with which our products are used, are beyond our control our recommendations must not be regarded as amounting to legal warranty or as involving any liability on us.