

MOULD OIL

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product/Material: **MOULD OIL**
Product Description: **Concrete Chemical Release Agent**
Chemical Family: PETROLUEM
Supplier: R.K. & J. Jones Limited
Address: Southery Road, Feltwell
Thetford, Norfolk, IP26 4EH, UK.
Telephone: 01842 828101

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS	CAS No.	CONTENTS	HEALTH	RISK (R.No)
Mesitylene	203-604-4	108-67-8	<1.0%	Xi, N	R10,37,51/53
1,2,4-Trimethylbenzene	202-436-9	95-63-6	<1.0%	Xn,Xi,N	R10,20,36/37 /38,51/53
Straight Run Kerosene- Solvent Naptha (Petroleum), Medium Aliph.	265-191-7	64742-88-7	5-10%	Xn,Xi,N	R65,38,51/53

SECTION 3: HAZARDS IDENTIFICATION

Main hazards: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Harmful: may cause lung damage if swallowed.

SECTION 4: FIRST AID MEASURES (SYMPTOMS & ACTION)

Eye Contact: There may be mild irritation and redness. Wash eyes with clean water for 15 minutes, ensuring the eye lids are held open. Obtain medical advice if irritation persists.

Skin Contact: There may be mild irritation at the site of contact. Wash skin with soap and water as soon as reasonably practical, remove heavily contaminated clothing for laundering and wash underlying skin.

Inhalation: Inhalation of fumes or vapour ay cause irritation of the nose or throat, or coughing. Remove to fresh air. If symptoms persist obtain medical advice.

Ingestion: There may be irritation of the throat. Wash out with water. The ingestion of large amounts is unlikely, however should this occur, do not induce vomiting. Obtain medical advice.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing media: Dry chemical powder. Alcohol or polymer foam, carbon dioxide, water fog. Do not use water.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire fighters: Wear self contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Refer to section 8 of this MSDS for personal protection details. Turn leaking container leak side up to prevent escape of liquid.
Environmental Precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closeable, labelled salvage container for disposal by an appropriate method.

SECTION 7 : HANDLING AND STORAGE

Handling Requirements:	Avoid unnecessary skin contact and contact with eyes. Is splashing is likely to occur wear safety glasses or goggles.
Storage Conditions:	Store under cover away from heat or sources of ignition.
Suitable Packaging:	Tanks and vessels that comply with the Oil Storage Regulations.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

O.E.S. 8hr T.W.A.	5mg/m³	O.E.L. 8hr T.W.A. Mesitylene	25ppm
S.T.E.L. (15 min)	10mg/m³	O.E.L. 8hr T.W.A. 1,2,4-Trimethylbenzene	20ppm

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Respiratory protection is unnecessary, provided the concentration of vapour, mists or fumes is adequately controlled. If operations are such that excessive levels of vapour, mists or fumes are generated, and operators are unavoidably exposed then suitable respiratory equipment should be provided.

Protective Equipment:



Protective Gloves.

Eye Protection:



Wear face visor or protective goggles/safety glasses where eye contact can accidentally occur.

Skin Protection:

If skin contact is likely, wear impervious protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	Yellow Brown Liquid
Odour:	Characteristic odour
Molecular Weight:	Not determined
Solubility Description:	Miscible with many organic solvents, insoluble in water.
Specific Gravity @ 15°C:	0.895kg/L
Vapour Density @20°C:	N/a
Evaporation Rate:	Slow
Viscosity:	7,5 cSt
Viscosity Method:	Kinematic Viscosity in 10-6m ² at 40°C (ISO 4104/3105)
Flash Point:	>100°C

SECTION 10 : STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat. Sources of ignition.
Materials to avoid:	Strong oxidising agents.
Haz Decomp products:	In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Hazardous Ingredients:	Mesitylene IPR GPG LDLO 1303mg/kg 1,2,4-TRIMETHYLBENZENE IPR RAT LDLO 1752mg/kg ORL RAT LD50 5mg/kg.
Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

SECTION 12 : ECOLOGICAL INFORMATION

Mobility:	Floats on water. Readily absorbed into soil. If released on land, small quantities will be absorbed in the upper soil layers where biodegradation may take place. Larger quantities may penetrate into anaerobic soil layers where mineral oil and some other organic compounds may persist.
Persistence and degradability:	Mineral oil will biodegrade slowly in aerobic water and sediments, and is considered to be ultimately biodegradable, but it can be persistent in anaerobic conditions.
Bioaccumulative Potential:	Mineral oil has a potential to bioaccumulate.
Other adverse effects:	Harmful to aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations:	Dispose of via an authorised person/license waste disposal contractor in accordance with local and/or National regulations. R8 Oils refining or other re-uses of oil.
Disposal of packaging:	May be reused following decontamination.
N.B.	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14 : TRANSPORT INFORMATION

ROAD:	
I.M.D.G.:	Not classified
ICAO/IATA:	Not classified
ADR Class:	Not classified

SECTION 15 : REGULATORY INFORMATION



HARMFUL

Supply:		
Risk Phrases:	R52/R53	Harmful to aquatic organisms, may cause long term effects in the aquatic environment.
	R65	Harmful: may cause lung damage if swallowed.
Safety Phrases:	S61	Avoid release to the environment. Refer to special Instructions / safety data sheets.
	S62	If swallowed, do not induce vomiting; seek medical advice

Note: immediately and show this container or label.
The regulatory information given above only indicates the principal specifically applicable to the product described in the data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

Risk Phrases used in S2.	R10	Flammable
	R37	Irritating to respiratory system.
	R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
	R20	Harmful by inhalation.
	R36/37/38	Irritating to eyes, respiratory system and skin.
	R65	Harmful may cause lung damage if swallowed.
	R38	Irritating to skin.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Disclaimer:

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act,1974;the control of Substances Hazardous to Health Regulations,1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

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