



**MATERIAL
SAFETY
DATA SHEET**
Revised 20th March 2005

TRADITIONAL CREOSOTE

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product/Material: TRADITIONAL CREOSOTE
Product Description: COAL TAR CREOSOTE TYPE 3 BS 144
Trade Name: CREOSOTE TYPE 3
Manufacturer: R. K & J JONES LIMITED
Address: SOUTHERY ROAD,
 FELTWELL
 THETFORD
 NORFOLK
 IP26 4EH
Emergency Telephone No(UK): 01842 828101
Fax Number: 01842 828171

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

CHEMICAL COMPOSITION: COMPLEX MIXTURE OF HYDROCARBON OILS CONTAINING
 A CONTROLLED AMOUNT OF TAR ACIDS (0-5%)
CAS NO: 122384-28-5
EC NO:

HAZARDOUS INGREDIENTS	%(W/W)	SYMBOL	RISK PHRASES
CREOSOTE	100	Xn, N	36/37/38 51/53 65

SECTION 3: HAZARDS IDENTIFICATION

HEALTH: HARMFUL

ENVIRONMENTAL: DANGEROUS FOR THE ENVIRONMENT. IRRITATING TO EYES,
 RESPIRATORY SYSTEM AND SKIN.
 HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.
 TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG TERM
 ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

SECTION 4: FIRST AID MEASURES

Inhalation: REMOVE TO FRESH AIR OBTAIN MEDICAL ATTENTION.
 APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS CEASED
 OR SHOW SIGNS OF FAILING.

Skin Contact: REMOVE CONTAMINATED CLOTHING.
 WASH AFFECTED AREAS WITH SOAP AND WATER.
 IF IRRITATION OCCURS OBTAIN MEDICAL ATTENTION.

Eye Contact: FLOOD EYES WITH EYE WASH SOLUTION OR CLEAN WATER FOR
 AT LEAST 10 MINUTES. OBTAIN MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. RINSE MOUTH WITH 200-300MLS OF
 WATER, OBTAIN IMMEDIATE MEDICAL ATTENTION.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media:	DRY POWDER, FOAM, WATER SPRAY OR CO2. DO NOT USE WATER JET.
Special Exposure Hazards:	TOXIC VAPOURS, INCLUDING CARBON MONOXIDE, MAY BE RELEASED DURING FIRE.
Special Protective Equipment:	A SELF CONTAINED BREATHING APPARATUS AND SUITABLE PROTECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS.

SECTION 6: ACCIDENTAL RELEASE MEASURES/SPILLS AND LEAKS

Personal Precautions:	WEAR SUITABLE PPE (SEE SECTION 8).
Environmental Precautions:	PREVENT ENTRY INTO DRAINS OR WATER COURSES
Cleaning Up Method:	ABSORB SPILLAGES ONTO SAND, EARTH OR ANY SUITABLE ABSORBENT MATERIAL. TRANSFER TO A CONTAINER FOR RECOVERY OR DISPOSAL AS HAZARDOUS WASTE.

SECTION 7 : HANDLING AND STORAGE

Handling:	MATERIAL SHOULD ONLY BE HANDLED BY TRAINED PERSONNEL WEARING SUITABLE PPE (SEE SECTION 8). PROVIDE ADEQUATE VENTILATION.
Storage:	BULK QUANTITIES SHOULD BE STORED PROPERLY DESIGNED AND INSTALLED SYSTEMS. DO NOT USE GASKETS OF NATURAL RUBBER. KEEP CONTAINERS TIGHTLY CLOSED AND AWAY FROM HEAT AND SOURCES OF IGNITION. ENSURE PARTLY USED CONTAINERS ARE CLOSED WHEN NOT IN USE.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:	NO SPECIFIC LIMIT IS LISTED FOR THIS PRODUCT
Engineering Control Measures:	PROVIDE ADEQUATE VENTILLATION TO KEEP VAPOUR CONCENTRATIONS AS LOW AS IS REASONABLY PRACTICABLE.
Respiratory Protection:	NOT NORMALLY NECESSARY IF GOOD VENTILATION.
Hand Protection:	WEAR IMPERVIOUS GLOVES (PVC/SYNTHETIC RUBBER) GLOVES.
Eye Protection:	WEAR GOGGLES AND FACESHIELD.
Skin Protection:	WEAR PROTECTIVE FOOTWEAR, OVERALLS AND HELMET. USE OF BARRIER CREAMS CAN BE BENEFICIAL.
Work Practices:	EYE WASH FACILITIES AND SAFETY SHOWERS SHOULD BE EASILY ACCESSIBLE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	BROWN LIQUID
Odour:	CHARACTERISTIC
PH:	NOT APPLICABLE
Boiling Point/Boiling Range:	90% DISTILLATE BETWEEN 160 AND 350 C
Flash Point:	APPROX 70 C
Density:	0.910 – 1.120 (kg/m ³) at 20 C
Viscosity:	FORD CUP No 4 @ 20 C 13-22 secs
Solubility:	INSOLUBLE IN WATER
Miscibility:	MISCIBLE WITH MOST OTHER TAR PRODUCTS FROM BOTH HIGH AND LOW TEMPERATURE CARBONISATION PROCESSES. MISIBLE WITH MOST PETROLEUM PRODUCTS.

SECTION 10 : STABILITY AND REACTIVITY

PRODUCT IS STABLE AT AMBIENT TEMPERATURES.

Conditions to Avoid:	NO SPECIAL REQUIREMENTS
Materials to Avoid:	MAY REACT VIOLENTLY WITH OXIDISING AGENTS.
Hazardous Decomposition Products:	INCOMPLETE COMBUSTION IN A FIRE MAY RESULT IN THE PRODUCTION OF CARBON MONOXIDE.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:	IRRATATING TO RESPIRATORY SYSTEM. SHORT TERM EXPOSURE TO VAPOUR AT HIGH CONCENTRATION, MAY CAUSE HEADACHES AND NAUSEA.
Skin Contact:	IRRATAING TO SKIN
Eye Contact:	IRRATAING TO EYES
Ingestion:	MAY CAUSE LUNG DAMAGE IF SWALLOWED LD50 ORAL (RAT) – 5700mg/kg.

SECTION 12 : ECOLOGICAL INFORMATION

Mobility:	MODERATELY VOLATILE MOBILE LIQUID.
Degradability:	EXPECTED TO BE SLOWLY BUT ULTIMATELY BIODEGRADABLE.
Accumulation:	NOT KNOWN.

SHORT AND LONG TERM EFFECTS ON:

Ecotoxicity:	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
Other Adverse Effects:	NOT KNOWN.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE PRODUCT AND EMPTY PACKAGING IS CLASSIFIED AS HAZARDOUS WASTE AND SHOULD BE DISPOSED OF BY INCINERATION OR COLLECTED BY A REGISTERED WASTE DISPOSAL COMPANY OPERATING WITHIN THE SPECIAL WASTE REGULATIONS IN THE UK OR EQUIVALENT REGULATIONS IN OTHER COUNTRIES.

SECTION 14 : TRANSPORT INFORMATION

THIS PRODUCT IS NOW CLASSIFIED AS DANGEROUS FOR TRANSPORT

UN Number:	3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Creosote)
Class:	9
Transport Category:	3
Packing Group:	III
EAC:	2X
HIN:	90
Marine Pollutant:	YES
Tremcard No:	90 G 01

SECTION 15 : REGULATORY INFORMATION

THIS PRODUCT IS CLASSIFIED AS DANGEROUS FOR SUPPLY

EC Classification:	HARMFUL:	Xn
	DANGEROUS FOR THE ENVIRONMENT:	N

Risk Phrases:	R65	HARMFUL:MAY CAUSE LUNG DAMAGE IF SWALLOWED
	R36/37/38	IRRITATING TO EYES, RESPIRATORY SYSTEMS AND SKIN.
	R51/53	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT
Safety Phrases:	S36/37/39	WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.
	S61	AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS ON SAFETY DATA SHEET
	S62	IF SWALLOWED, DO NOT INDUCE VOMITTING; SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL (S2KEEP OUT OF REACH OF CHILDREN)

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

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 customers 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.