



MATERIAL SAFETY DATA SHEET

IDENTIFICATION

LABEL NAME: FRANKINCENSE
CODE NUMBER: 50-5100-01-1Z
BOTANICAL NAME Boswellia carterii

CAS NUMBER: 8016-36-2
FEMA NUMBER: 2816
FDA NUMBER: 172.510

PHYSICAL DATA

APPEARANCE: PALE YELLOW TO PALE AMBER GREENISH
LIQ.

SPECIFIC GRAVITY: 0.870

MELTING POINT: N/F

VAPOR DENSITY: N/F

SOLUBILITY IN WATER: INSOLUBLE

REFRACTIVE INDEX: 1.480

BOILING POINT:

VAPOR PRESSURE: N/F

EVAPORATION RATE: N/F

FIRE, EXPLOSION AND REACTIVITY

FLASHPOINT: 40 DEGREES C. CLOSED CUP

STABILITY: STABLE UNDER NORMAL CONDITIONS

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: 0

4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = NO SIGNIFICANT HAZARD

EXTINGUISHING MEDIA

☐ WATER/FOG ☒ CARBON DIOXIDE ☒ FOAM ☒ DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURE/UNUSUAL FIRE AND EXPLOSION HAZARDS:

NONE KNOWN. USE SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING

HAZARDOUS COMBUSTION/DECOMPOSITION PRODUCT:

BURNING PRODUCES CARBON MONOXIDE AND CARBON DIOXIDE

HAZARDOUS POLYMERIZATION PROCUCT:
WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID:
ELEVATED TEMPERATURES ABOVE 60 DEGREES CENTIGRADE, AVOID STRONG OXIDIZING AGENTS

PROTECTION INFORMATION:

RESPIRATORY PROTECTION:	NOT USUALLY NECESSARY, BUT APPROVED RESPIRATOR CAN BE USED IF DESIRED
EYE PROTECTION:	USE SPLASH GOGGLES
SKIN PROTECTION:	USE CHEMICAL RESISTANT GLOVES
VENTILATION:	LOCALIZED EXHAUST CAN BE USED TO REMOVE VAPORS
OTHER:	EYE WASH STATION AND SAFETY SHOWER RECOMMENDED IN AREA

OCCUPATIONAL EXPOSURE LIMITS

THRESHOLD LIMIT VALUE (TLV):	N/F
EFFECTS OF OVEREXPOSURE:	REDNESS OF SKIN AND/OR EYES
OSHA PERMISSIBLE EXPOSURE	N/F LIMIT
(PEL):	
HAS SUBSTANCE BEEN LISTED AS A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CARCINOGEN:

HEALTH HAZARD INFORMATION

-MAY BE IRRITATING TO SKIN AND EYES
-VAPOR MAY BE IRRITATING TO THROAT AND LUNGS
-BREATHING HIGH CONCENTRATIONS OF VAPOR MAY CAUSE ANESTHETIC EFFECTS
-REPEATED CONTACT MAY CAUSE ALLERGIC DERMATITIS

EMERGENCY AND FIRST AID PROCEDURES

INHALATION:	REMOVE TO FRESH AIR
EYE CONTACT:	FLUSH WATER FOR 15 MINUTES
SKIN CONTACT:	REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER
INGESTION:	DRINK WATER OR MILK TO DILUTE, CONTACT POISON CONTROL

SPILLS LEAKS AND DISPOSAL PROCEDURE

IF MATERIAL SHOULD BE SPILLED OR RELEASED: ELIMINATE FLAMES AND SOURCES OF IGNITION, WIPE UP SMALL SPILLS WITH A CLOTH, LARGER SPILLS USE PORUS ABSORBANT

WASTE DISPOSAL METHODS: FOLLOW STATE, LOCAL AND FEDERAL LAWS

HANDLING AND SHIPPING PROCEDURES

HANDLE ACCORDING TO GOOD SAFETY PROCEDURES AVOIDING

UNNECESSARY EXPOSURE. STORE IN FULL CLOSED CONTAINERS AWAY FROM HEAT, LIGHT AND SOURCES OF IGNITION. STORE IN COOL AREA.

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Danger PHRASES / CODES:	R22 R65
RISK PHRASES / CODES:	R22 R65
SAFETY PHRASES / CODES:	S62