

MATERIAL SAFETY DATA SHEET

Hazard Ratings: Health - 1
none -- extreme Fire - 1
0 ---- 4 Reactivity - 0

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I. IDENTIFICATION

Product or trade name: **BP1744**
Product code number: **TAMARIND EXTRACT**

FEMA NO. **NONE** CAS NO: **NONE**

II. FIRE, EXPLOSION, REACTIVITY DATA

Flash point: **212F** OSHA Classification: **IIIB**
(Method used): **CLOSED CUP**

Extinguishing media: **X CO2 X FOAM X DRY CHEMICAL** DOT Hazard Classification:
NOT HAZARDOUS

Unusual fire and explosive hazards: **NONE**

Special firefighting procedures: **USE SELF-CONTAINED BREATHING APPARATUS
AND PROTECTIVE CLOTHING.**

Hazardous combustible or
Decomposition products: **BURNING PRODUCES CARBON MONOXIDE
AND CARBON DIOXIDE.**

Stability: **STABLE UNDER NORMAL CONDITIONS.**
Decomposition products: **NONE**

Conditions to avoid: **ELEVATED TEMPERATURES (ABOVE 60 DEGREES C)**
Materials to avoid: **STRONG OXIDIZING AGENTS**

III. PHYSICAL DATA

Odor, appearance, physical state: **Dark brown pasty mass with a characteristic sour, tamarind odor and flavor**

Boiling point (DEG. F) **NF** Melting pt (DEG. F) **NF**

Specific gravity (H2O = 1.0) **1.00@ 25C** Solubility in H2O: **WATER SOLUBLE**

Vapor pressure: **NF** mmhg at F C Vapor density (Air=1) **HEAVIER THAN AIR**

IV. PROTECTION INFORMATION

Respiratory: **NOT REQUIRED BUT AVOID BREATHING VAPORS UNNECESSARILY** Ventilation: **GENERAL, MECHANICAL**

Eyes: **SPLASH GOGGLES** Skin: **RUBBER OR PLASTIC GLOVES**

Other protective devices and procedures: **HAVE EYE BATH, SAFETY SHOWER AND APRONS ON HAND**

V. OCCUPATIONAL EXPOSURE LIMIT

This Material does **NOT** contain components which appear in 29CFR 1910.1000. The permissible limits are:

TWA (PPM) STEL(PPM) CEILING (PPM)

has this product been listed as a carcinogen or potential carcinogen in the "Annual Report On Carcinogens" published by NTP, OSHA, or the International Agency for Research On Cancer. **X=NO**

VI. HEALTH HAZARD INFORMATION

This product May present the following health effects:

May be an eye/skin irritant in any form.

Symptoms of exposure: **RED SKIN AND/OR RED WATERY EYES**

Medical conditions aggravated by exposure: **NF**

NF = NOT FOUND

Primary route(s) of entry:

SKIN CONTACT AND INHALATION

VII. EMERGENCY AND FIRST AID PROCEDURES

Inhalation exposure: **REMOVE TO FRESH AIR
SEEK MEDICAL ATTENTION IF NECESSARY**

Eye contact: **FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR 15 MINUTES**

Skin contact: **REMOVE CONTAMINATED CLOTHING.
WASH AFFECTED AREA WITH MILD SOAP AND WATER**

Swallowing or other: **DRINK WATER OR MILK TO DILUTE
SEEK MEDICAL ATTENTION IF ILL EFFECTS PERSIST**

VIII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Precautions if materials is spilled or released: **ELIMINATE SOURCES OF IGNITION. WIPE UP
SMALL SPILLS WITH CLOTH. ABSORB LARGER SPILLS WITH SAND, SAWDUST, OR
SIMILAR POROUS MATERIAL.**

Waste disposal methods: **FOLLOW FEDERAL, STATE AND LOCAL GUIDELINES FOR
PROPER WASTE DISPOSAL**

IX. HANDLING AND STORAGE PROCEDURES

Protective measures during repair/maintenance of contaminated equipment:

USE PROTECTIVE GLOVES, FACE MASK, ETC.

Hygienic practices for handling: **HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL
HYGIENE AND SAFETY PRACTICES. THESE INCLUDE AVOIDING UNNECESSARY
EXPOSURE & HANDLING**

Other: **STORE IN FULL, TIGHT CONTAINERS, AWAY FROM HEAT, LIGHT, AND SOURCES
OF IGNITION.**

X. ADDITIONAL REGULATORY INFORMATION

SARA TITLE III SECTION 313

This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

J. Manheimer Inc. considers the specific identity of such ingredients to be a trade secret under the provisions of 29 CFR 1910.1200. However, the toxic chemical(s) subject to these requirements fall into the following generic classification(s) and concentrations:

NONE

PROP 65

This product contains the following California listed ingredients:

NONE

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without warranty, express or implied, regarding its corrections or accuracy. It is the users responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use of this product.