

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-85/85-68-7.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

85-68-7

### Code:

M

### RTECS:

TH9990000

### Code:

M

### Name:

BUTYL BENZYL PHTHALATE (SARA III)

### Other REC Limits:

NONE SPECIFIED

### OSHA PEL:

NOT ESTABLISHED

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

NOT ESTABLISHED

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS.

### Ventilation:

MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

### Protective Gloves:

NONE NORMALLY REQUIRED.

### Eye Protection:

NONE NORMALLY REQUIRED.

### Other Protective Equipment:

Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

### Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

### Supplemental Safety and Health:

UNDER THE SAME NSN, PIN A SHOWS ANOTHER PRODUCT FROM CHEVRON WITH SLIGHTLY DIFFERENT FORMULA AND PRODUCT NAME.

## Health Hazards Data

### LD50/LC50/Mixture:

TLV IS 5 MG/M3 OIL MIST.

### Route Of Entry Inds - Inhalation:

YES

### Skin:

YES

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

ACUTE- EYE/SKIN: THIS SUBSTANCE IS NOT EXPECTED TO CAUSE PROLONGED/SIGNIFICANT IRRITATION. INHALE/ORAL: THE SYSTEMIC TOXICITY OF THIS SUBSTANCE HAS NOT BEEN DETERMINED. HOWEVER, IT SHOULD BE PRACTICALLY NON-TOXIC TO INTERNAL ORGANS. CHRONIC-NONE KNOWN. 2

### Explanation Of Carcinogenicity:

CONTINUOUS CONTACT WITH USED MOTOR OIL HAS CAUSED SKIN CANCER IN ANIMAL TESTS.

### Signs And Symptoms Of Overexposure:

THIS SUBSTANCE IS NOT EXPECTED TO CAUSE PROLONGED/SIGNIFICANT EYE OR SKIN IRRITATION. THE SYSTEMIC TOXICITY OF THIS SUBSTANCE HAS NOT BEEN DETERMINED FOR INHALATION OR INGESTION. HOWEVER, IT SHOULD BE PRACTICALLY NON-TOXIC TO INTERNAL ORGANS.

### Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

### First Aid:

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH SOAP & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: IF CONSCIOUS, DRINK WATER/MILK. CONSULT MEDICAL PERSONNEL BEFORE INDUCING VOMITING. IF MEDICAL ADVICE CANNOT BE OBTAINED, THEN TAKE THE PERSON & PRODUCT CONTAINER TO THE NEAREST MEDICAL EMERGENCY TREATMENT CENTER.

### Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. S LEAK. CONTAIN LARGE SPILL. PUMP IT TO TRUCK. SOAK UP RESIDUE/SMALL SPILLS WITH CLAY/SAND. TRANSFER TO PROPER CONTAINER FOR DISPOSAL. IF FEASIBLE, REMOVE CONTAMINATED SOIL. REPORT LARGE SPILLS IF NEEDED.

### Neutralizing Agent:

N/R

### Waste Disposal Methods:

DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. CHEMTREC EMERGENCY PHONE NUMBER: 800- 424-9300 (24 HOUR).

### Handling And Storage Precautions:

STORAGE- STORE IN COOL PLACE. KEEP AWAY FROM HEAT, FLAME & STRONG OXIDANTS.

### Other Precautions:

EMPTY CONTAINER MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE/EXPLOSIVE VAPORS. DO NOT WELD, HEAT OR DRILL CONTAINER. RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM.

## Fire and Explosion Hazard Information

### Flash Point Method:

COC

### Flash Point:

### Flash Point Text:

419F,215C

### Autoignition Temp:

### Autoignition Temp Text:

N/K

### Lower Limits:

N/K

### Upper Limits:

N/K

### Extinguishing Media:

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & REIGNITE

### Fire Fighting Procedures:

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS IN + PRESSURE MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

### Unusual Fire/Explosion Hazard:

CARBON DIOXIDE, WATER VAPOR & MAY PRODUCE OXIDES OF SULFUR, NITROGEN AND PHOSPHOROUS. INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

## Physical/Chemical Properties

### HCC:

### NRC/State LIC No:

N/R

### Net Prop WT For Ammo:

### Boiling Point:

### B.P. Text:

UNKNOWN

### Melt/Freeze Pt:

### N/R

### Decomp Temp:

### Decomp Text:

UNKNOWN

### Vapor Pres:

N/R

### Vapor Density:

N/R

### Volatile Org Content %:

NO

### Spec Gravity:

0.88

### VOC Pounds/Gallon:

419F,215C

### PH:

N/R

### VOC Grams/Liter:

NO

### Viscosity:

10.6CST @100C

### Evaporation Rate & Reference:

N/R

### Solubility in Water:

INSOLUBLE

### Appearance and Odor:

DARK BROWN LIQUID

### Percent Volatiles by Volume:

N/R

### Corrosion Rate:

UNKNOWN

## Reactivity Data

### Stability Indicator:

COC

### Stability:

YES 4

### Stability Condition To Avoid:

EXTREME HEAT, OPEN FLAMES

### Materials To Avoid:

STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

### Hazardous Decomposition Products:

NORMAL COMBUSTION FORMS CARBON DIOXIDE, WATER VAPOR & MAY PRODUCE OXIDES OF SULFUR, NITROGEN AND PHOSPHOROUS.

### Incomplete:

INCOMPLETE

### Hazardous Polymerization Indicator:

NO

### Conditions To Avoid Polymerization:

N/R

## Toxicological Information

### Information:

N/P

## MSDS Transport Information

### Information:

N/P

## Regulatory Information

### Sara Title III Information:

N/P

### Federal Regulatory Information:

N/P

### State Regulatory Information:

N/P

### Other Information:</h