

BRAYCOTE 602

MSDS Number

BGJZW

National Stock Number

9150-01-065-6524

Product Name

BRAYCOTE 602

Manufacturer

CASTROL INC BRAY PRODUCTS DIV

Product Identification

Product ID:BRAYCOTE 602

MSDS Date:07/29/1991

FSC:9150

NIIN:01-065-6524

MSDS Number: BGJZW

Responsible Party

CASTROL INC.,BRAY PRODUCTS DIV.

16715 VON KARMAN AVE.,SUITE 230

IRVINE , CA 92714

US

Emergency Phone: 202-483-7616/800-424-9300(CHEMTREC)

Info Phone: 714-660-9414

Cage: EO288

Contractor

CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS

DOWNERS GROVE, IL 60515-1280

US

630-241-4140

Cage: 2R128

Ingredients

MOLYBDENUM DISULFIDE

CAS: 1317-33-5

RTECS: QA4697000

Fraction By Weight:

OSHA PEL15 MG/M3

ACGIH TLV: 10 MG/M3

95%

Fraction By Weight: 95.0%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY BE A MILD SKIN IRRITANT TO SOME PEOPLE AFTER PROLONGED EXPOSURE. INHALATION OF DECOMPOSITION

PRODUCTS OR SMOKE OF CONTAMINATED TOBACCO PRODUCTS MAY CAUSE RESPIRATORY IRRITATION AND INDUCE "POLYMER FUME FEVER" CONDITION.
Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:EYE IRRITATION, REDNESS; MILD SKIN IRRITATION; CATHARSIS, DIARRHEA; LUNG IRRITATION, PULMONARY EDEMA, "FLU-LIKE" SYMPTOMS (EX. FEVER, CHILLS).
Medical Cond Aggravated by Exposure:NONE KNOWN.

First Aid

First Aid:SKIN-REMOVE CONTAMINATED CLOTHING. WIPE MATERIAL FROM SKIN. WASH THOROUGHLY WITH SOAP & WATER. EYES-FLUSH WITH LARGE AMOUNTS OF CLEAN WATER FOR AT LEAST 15 MIN. CONTACT PHYSICIAN FOR PERSISTANT IRRITATION. INGESTION-DO NOT INDUCE VOMITING.GIVE 2 GLASSES OF CHARCOAL SLURRY OR PLAIN WATER. CONTACT PHYSICIAN.
INHALATION-REMOVE FROM AREA OF EXPOSURE. ADMINISTER OXYGEN IF DEEMED NECESSARY.

Fire Fighting

Flash Point:NONE
Extinguishing Media:NONE.
Fire Fighting Procedures:USE WATER FOG OR SPRAY TO COOL FIRE EXPOSED CONTAINERS. USE A SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:DECOMPOSITION OF PRODUCT AT FLAME TEMPERATURE FORMS TOXIC FLUORINE COMPOUNDS.

Accidental Release

Spill Release Procedures:SCRAPE UP EXCESS GREASE AND STORE IN CLOSED CONTAINERS UNTIL DISPOSAL. CLEAN UP AREA WITH APPROPRIATE CLEANER.

Handling

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE NEAR HEAT, FLAME. STRONG OXIDANTS. MAINTAIN ADEQUATE VENTILATION.
Other Precautions:AVOID STRONG/REPEATED BREATHING OF VAPORS, MISTS, FUMES.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR OR SUPPLIED AIR RESPIRATORY EQUIPMENT AS REQUIRED.
Ventilation:NOT NORMALLY REQUIRED; PROVIDE EXHAUST IF TEMPERATURES EXPECTED TO EXCEED 300C.
Protective Gloves:NOEPRENE GLOVES.
Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES
Other Protective Equipment:IMPERVIOUS GARMENTS AS REQUIRED.
Work Hygienic Practices:DO NOT WEAR CONTAMINATED CLOTHING. LAUNDER BEFORE RE-USE OR DISCARD. DO NOT DRINK OR HANDLE TOBACCO PRODUCTS AFTER USE.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:V6
Boiling Pt:B.P. Text:DECOM >500F
Decomp Temp:Decomp Text:>500F,>260C
Vapor Pres:1 X 10⁻¹³
Spec Gravity:1.9
Solubility in Water:INSOLUBLE
Appearance and Odor:GREY COLORED GREASE - ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES
ACTIVE METALS, METAL OXIDES AT TEMPERATURES > 280C, LEWIS ACIDS CATALYST, STRONG OR NON-AQUEOUS ALKALI.
Stability Condition to Avoid:OPEN FLAMES.
Hazardous Decomposition Products:DECOMPOSITION AT HIGH TEMPERATURES (>300C) YIELDS HYDROGEN FLUORIDE, CARBONYL FLUORIDE & OTHER ACID

FLUORIDES; SULFUR D

Disposal

Waste Disposal Methods:ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELLED, TRANSPORTED & DISPOSED OF OR RECLAIMED IN CONFORMANCE WITH GOOD ENGINEERING PRACTICE. DISPOSE OF IN COMPLIANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. DO NOT BURN CONTAMINATED MATERIAL.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.