

CASTROL INC,BRAY PRODUCTS DIV -- BRACO 482 -- 6850-00-209-7234

===== Product Identification =====

Product ID:BRACO 482

MSDS Date:11/21/1988

FSC:6850

NIIN:00-209-7234

MSDS Number: BDJQP

=== Responsible Party ===

Company Name:CASTROL INC,BRAY PRODUCTS DIV

Address:16715 VON KARMAN AVE, SUITE 230

City:IRVINE

State:CA

ZIP:92714

Info Phone Num:714-660-9414

Emergency Phone Num:714-660-9414

Preparer's Nam

e:KAREL WRIGHT

CAGE:EO119

=== Contractor Identification ===

Company Name:CASTROL INC,BRAY PRODUCTS DIV.

Address:16715 VON KARMAN AVE, SUITE 230

Box:City:IRVINE

State:CA

ZIP:92714

CAGE:EO119

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS
DIV

Address:1001 WEST 31ST STREET

Box:City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Phone:800-621-2661/ FAX: 630-241-4140

CAGE:2R128

===== Composition/Information on Ingredients =====

Ingred Name:MIL-L-6082 GR

ADE 1100 LUBRICATING OIL (PER SPEC)

Fraction by Wt: 3% PARTS

Other REC Limits:ACGIH STEL 10 MG/M3

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:CORROSION INHIBITOR PER MIL-C-6592 TY I (PER SPEC)

Fraction by Wt: 1% PART

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:PRODUCT IS VERY LOW TOXICITY. IT WILL NOT PR

ESENT AN INHALATION UNDER USE. IT COULD BE MISTED AND THEN WOULD BE HAZARDOUS AND SUBJECT TO A PEL/TLV.

Effects of Overexposure:EYE:IRRITATION,REDNESS.

SKIN:IRRITATION,DEFATTING,DERMATITIS. INHALED:(MIST) RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:NONE REPORTED.

===== First Aid Measures =====

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER.

INHALED:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN

AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. GIVE LARGE QUANTITY OF MILK OR WATER.(NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,GET PROMPT MEDICAL CARE.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:495F/256C

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE EXPO

SED CONTAINERS.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SUITABLE INERT ABSORBENT MATERIALS AND RECOVER FOR PROPER DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED AREA. DO NOT STORE NEAR HEAT,OXIDIZERS.

Other Precautions:AVOID CONTACT WITH SKIN AND EYES:DO NOT BREATH

E

VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.DO NOT USE CONTAMINATED CLOTHES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE EXPECTED TO BE NECESSARY.IF PRODUCT IS MISTED,WEAR NIOSH/MSHA APPROVED CARTRIDGE RESPIRATOR FOR OIL MISTS.

Ventilation:NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:RUBBER,PLASTIC,OTHER IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Equipment:FULL WORK CLOTHING T

O PREVENT REPEATED OR

PROLONGED CONTACT.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE.

Supplemental Safety and Health

MSDS DATED:01/07/87

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:>500F/260C

Vapor Density:>1

Spec Gravity:0.86

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER F

LUID,PETROLEUM HYDROCARBON ODOR.

Percent Volatiles by Volume:NIL

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:EXTREME HEAT,OPEN FLAMES.

Hazardous Decomposition Products:NORMAL PRODUCTS OF COMBUSTION.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

HMIS SUGGESTS RECOVERY OR RECLAIM

IF POSSIBLE. MFR SUGGESTS
INCINERATION.

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