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CASTROL
MATERIAL SAFETY DATA SHEET

SECTION 1-IDENTITY

CASTROL INC., BRAY PRODUCTS
16715 VON KARMAN AVE
SUITE 230
IRVINE, CA 92714

Emergency
Telephone No. 714 660 9414

Name of Person
Responsible for Preparation: KAREL WRIGHT Date:11/16/87

Trade Name: BRAYCO MICRONIC 756 Chemical Name: HYDRAULIC FLUID
Chemical Family: PETROLEUM HYDROCARBON

SECTION 2-HAZARDOUS INGREDIENTS

Principal Hazardous Component(s)

Chemical & Common Names	%	TLV(Units)	CAS#
PETROLEUM MIDDLE DISTILLATE	70-80	500 ppm(NIOSH)	64742-46-7

SECTION 3-PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point(F) >400 DEG F Specific Gravity(H2O=1) 0.875

Vapor Pressure(mm Hg) NO DATA Percent Volatile by Volume(%) NA

Vapor Density(AIR=1) NO DATA Evaporation Rate NO DATA
N-BUTYL ACETATE = 1

Solubility in Water INSOLUBLE

Appearance and Odor RED, LOW VISCOSITY FLUID, PETROLEUM ODOR.

SECTION 4-FIRE and EXPLOSION DATA

Flash Point (Method Used)	Flammable Limits in Air %Vol.	Lower	Upper
215 DEG F (COC)		NE	NE

Extinguishing Media DRY CHEMICAL, CARBON DIOXIDE, FOAM

Special Fire Fighting Procedures DO NOT USE WATER EXCEPT AS FOG OR SPRAY TO COOL CONTAINERS. THE USE OF A SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED IN ENCLOSED AREAS.

Unusual Fire and Explosion Hazards NONE

SECTION 5-PHYSICAL HAZARDS

Stability (Stable/Unstable) STABLE	Conditions to avoid NONE

Incompatibility (Materials to Avoid) AVOID STRONG OXIDIZING AGENTS

Hazardous Decomposition Products COMBUSTION MAY PRODUCE SMOKE, CARBON MONOXIDE AND ASPHYXIANTS.

Hazardous Polymerization (Will/Will Not Occur) WILL NOT OCCUR.

Conditions to Avoid Polymerization NONE

SECTION 6-HEALTH HAZARDS

Threshold Limit Value NOT DETERMINED. USE 5 MG OF OIL MIST IN CUBIC METER OF AIR.

Signs and Symptoms of Exposure

Acute Overexposure: MAY CAUSE SLIGHT IRRITATION TO SKIN AND EYES.

Chronic Overexposure NOT DETERMINED.

Emergency First Aid Procedures

1. Inhalation: REMOVE FROM AREA OF EXPOSURE.
2. Eyes: FLUSH EYES WITH CLEAR WATER UNTIL ANY IRRITATION SUBSIDES; CONTACT A PHYSICIAN.
3. Skin: WIPE OR USE WATERLESS HANDCLEANER, WASH SKIN WITH SOAP AND WATER.
4. Ingestion: DO NOT INDUCE VOMITING, CONTACT A PHYSICIAN.

SECTION 7-SPECIAL PROTECTION INFORMATION

Respiratory Protection (specify type) NOT NORMALLY NEEDED. USE SUPPLIED AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED AREAS.

Ventilation	Local Exhaust USE LOCAL EXHAUST TO CAPTURE FUMES AND VAPORS.	Special PROVIDE GREATER THAN 60 CFM FOR CONFINED AREAS.
	Mechanical (General)	Other

Protective Gloves	USE CHEMICALLY RESIS- TANT GLOVES TO AVOID PRO- LONGED CONTACT.	Eye Protection	USE SPLASH GOGGLES.

Other Protective Clothing or Equipment USE CHEMICALLY RESISTANT APRON OR OTHER CLOTHING TO AVOID PROLONGED SKIN CONTACT.

SECTION 8-SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: NO SPECIAL PRECAUTIONS. AMBIENT CONDITIONS ACCEPTABLE, BUT DO NOT STORE NEAR EXTREME HEAT, OPEN FLAME, OR SOURCES OF IGNITION.

Other Precautions: NONE

Steps to be Taken in Case Material is Released or Spilled: WIPE UP, OR ABSORB WITH CLAY, DIATOMACEOUS EARTH OR OTHER INERT MATERIAL AND STORE IN CLOSED METAL CONTAINERS.

Waste Disposal Methods: CONTROLLED INCINERATION OR METHOD IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS REGARDING HEALTH, AIR AND WATER POLLUTION.

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