

CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCO 855 -- 9150-00-292-9689

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

Product ID:BRAYCO 855

MSDS Date:05/03/2000

FSC:9150

NIIN:00-292-9689

Status Code:A

MSDS Number: CLLPM

=== Responsible Party ===

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC

Address:1001 WEST 31ST STREET

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Info Phone Num:800-621-2661

Eme

rgency Phone Num:800.424.2661

Resp. Party Other MSDS Num.:27023A

Preparer's Name:NA

Chemtrec Ind/Phone:(800)424-9300

CAGE:2R128

=== Contractor Identification ===

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

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Count

ry:US
Phone:770-938-4513/FAX 770-938-3966
Contract Num:SP0450-01-M-LP55
CAGE:1MDA6

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

Ingred Name:DISTILLATES, PETROLEUM, HYDROTREATED, HEAVY NAPHTHENIC
CAS:64742-52-5
RTECS #:PY8035000
Minumum % Wt:1.
Maxumum % Wt:5.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: CONCENTRATE WILL CAUSE EYE
IRRITATION. SKIN CONT
ACT: CONCENTRATE MAY CAUSE SKIN IRRITATION.
SKIN ABSORPTION: NO ACUTE EFFECTS EXPECTED. INGESTION: THIS PRODUCT
MAY CAUSE GASTROINTESTINAL DISTRESS WITH SYMPTOMS OF NAUSEA,
VOMITING, DIARRHEA & ABDOMINAL PAIN. INHALATION: INHALATION OF HIGH
CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION AND DAMAGE TO THE
RESPIRATORY TRACT. CHRONIC EFFECTS: A REV IEW OF THE LITERATURE
DOES NOT SHOW OBVIOUS LONG TERM HAZARD.
Explanation of Carcinogenicity:NO COMPONENT KNOWN TO BE PRESENT I
N THIS
PRODUCT AT >0.1% IS PRESENTLY LISTED AS A CACINOGEN BY IARC, NTP
OR OSHA.

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

First Aid:EYES-FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION
IF IRRITATION OCCURS. SKIN: WASH SKIN WITH PLENTY OF SOAP & WATER.
REMOVE CONTAMINATED CLOTHES. GET MEDICAL ATTENTION IF IRRITATION
PERSISTS . WASH CLOTHING BEFORE REUSE. USE SKIN CREAM FOR DEFATTED
AREAS. INGESTED-DO NOT INDUCE VOMITING OR GIVE ANYTHIN
G BY MOUTH
SINCE MATERIAL CAN ENTER LUNGS & CAUSE DAMAGE. SEEK IMMEDIATE
MEDICAL ATTENTI ON. INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR.
GIVE ARTIFICIALRESPIRATION IF NOT BREATHING. KEEP WARM & AT REST.
TREAT SYMPTOMATICALLY & SUPPORTIVELY. GET IMMEDIATE MEDICAL
ATTENTION.

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

Flash Point Method:COC
Flash Point:=162.8C, 325.F
Lower Limits:N/D
Upper Limits:N/D
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL

, FOAM.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS WHEN FIRE FIGHTING IN A CONFINED SPACE. COOL FIRE EXPOSED CONTAINERS WITH WATERSPRAY TO PREVENT RUPTURE.

Unusual Fire/Explosion Hazard:POTENTIAL COMBUSTION PRODUCTS ARE OXIDES OF CARBON AND SULFUR.

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

Spill Release Procedures:LARGE: WEAR APPROPRIATE PROTECTIVE CLOTHING. STOP LEAK AT SOURCE IF POSSIBLE. DIKE, CONTAIN & RECOVER FREE LIQUID.

PREVENT ENTRY INTO WATERWAYS. SOAK UP RESIDUE WITH INERT ABSORBENT. REMOVE CONTAMINATED SOIL IF FEASIBLE/APPROPRIATE. SMALL: NEUTRALIZE AND/OR SOAK UP WITH INERT ABSORBENT. STORE IN A CLOSED CONTAINER & DISPOSE OF PROPERLY.

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURE. AVOID PROLONGED BREATHING/REPEATED BREATHING OF VAPORS, MISTS, FUMES. KEEP CONTAINER CLOSED. DO NOT STORE NEAR HEAT, FLAM

E, STRONG OXIDANTS. MAINTAIN ADEQUATE VENTILATION .

Other Precautions:NFPA: HEALTH=2, FLAMMABILITY=1, REACTIVITY=0, SPECIAL.

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

Respiratory Protection:GOOD INDUSTRIAL HYGIENE PRACTICES RECOMMEND THAT ENGINEERING CONTROLS BE USED TO REDUCE ENVIRONMENTAL CONCENTRATIONS TO THE THRESHOLD LIMIT VALUE (TLV) OR PERMISSIBLE EXPOSURE LIMIT (PEL). IF ANY ASSOCIATED TLV OR PEL IS EXCEEDED, PROVIDE NIOSH APPROVED RESPIRATORY PROTECTION.

Ventilation:GOOD INDUSTRIAL HYGIENE PRACTICES RECOMMEND THAT ENGINEERING CONTROLS BE USED TO REDUCE ENVIRONMENTAL CONCENTRATIONS TO THE TLV OR PEL.

Protective Gloves:USE NEOPRENE TYPE GLOVES WHEN HANDLING THIS PRODUCT.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD OR CHEMICAL GOGGLES.

Other Protective Equipment:APPROPRIATE CLOTHING TO AVOID SKIN CONTACT. EYE WASH FACILITY.

Work Hygienic Practices:GOOD INDUSTRIAL HYGIENE PRACTICES.

Supplemental Safety and Health

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

HCC:V6
Boiling Pt:>204.4C, 400.F
Melt/Freeze Pt:M.P/F.P Text:NOT DETERMINED
Vapor Pres:N/D
Vapor Density:N/D
Spec Gravity:0.8300
Viscosity:NOT AVAILABLE.
Evaporation Rate & Reference:N/D
Solubility in Water:NEGLIGIBLE
Appearance and Odor:DARK RED FLUID, MILD ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:
STABLE UNDER NORMAL CONDITIONS. AVOID
PROLONGED EXPOSURE TO ELEVATED TEMPERATURE.
Hazardous Decomposition Products:POTENTIAL COMBUSTION PRODUCTS ARE
OXIDES OF CARBON & SULFUR.

===== Toxicological Information =====

Toxicological Information:USING TERMINOLOGY OF THE INTERNATIONAL AGENCY
FOR THE RESEARCH ON CANCER (IARC), THE PETROLEUM DISTILLATES LISTED
ARE CLASSIFIED BY THE SUPPLIER AS SEVERELY PROCESSED. NOT ALL THOSE
LISTED IN INGREDIENTS SECTION MAY BE PRESENT. THE SUPPLIER HAS
STATED THAT THESE DISTILLATES DO NOT REQUIRE A CARCINOGEN LABEL AS
DEFINED BY OSHA 29 CFR 1910.1200.

===== Ecological Information =====

Ecological:NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE &
FEDERAL REGULATIONS. DISPOSAL OF THIS MATERIAL MAY BE BANNED BY
FE

DERAL LAW (40 CFR 268). MAY BE DISPOSED OF BY CONTROLLED
INCINERATION.

===== MSDS Transport Information =====

Transport Information:HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING
NAME: NOT REGULATED.

===== Regulatory Information =====

SARA Title III Information:SARA TITLE III, SECTION 311/312: FIRE-NO,
REACTIVITY-NO, IMMEDIATE-YES, DELAYED-NO, SUDDEN RELEASE-NO.
SECTION 313: NO SECTION 313 CHEMICALS PRESENT.

Fed

eral Regulatory Information:THIS MATERIAL IS REGULATED AS USED OIL
BY EPA. UNDER THE USED OIL MANANGEMENT STANDARDS (40 CFR 279) EPA
PRESUMES USED OIL WILL BE RECYCLED. IF IT IS, NO CHARACTERISTIC
DETERMINATION IS REQUIRED PROVI DED ALL PARTIES COMPLY WITH PART
279. THESE STANDARDS APPLY UNTIL THE USED OIL IS DISPOSED OF OR
SENT FOR DISPOSAL. INDIVIDUAL STATE & LOCAL REGULATIONS MAY DIFFER
FROM FEDERAL REGULATIONS. THIS PRODU CT IS A MIXTURE AND IS NOT
LISTED IN THE T

SCA INVENTORY.THE INDIVIDUAL INGREDIENTS ARE LISTED
IN TS CA.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

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 li
ability 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.