

MONSANTO CO -- MCS-2080 A TRACTION LUBRICANT (M 00011660),SANTOTRAC 30 --
9150-01-163-1213

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

Product ID:MCS-2080 A TRACTION LUBRICANT (M 00011660),SANTOTRAC 30

MSDS Date:04/05/1993

FSC:9150

NIIN:01-163-1213

MSDS Number: BHXZV

=== Responsible Party ===

Company Name:MONSANTO CO

Address:800 N LINDBERGH BLVD

City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Info Phone Nu

m:314-694-6661/2333

Emergency Phone Num:314-694-6661/800-424-9300(CHEMTREC)

CAGE:76541

=== Contractor Identification ===

Company Name:MONSANTO COMPANY

Address:800 N LINDBERGH BLVD

Box:City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Phone:314-694-6661 OR 800-332-3111

CAGE:76541

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

CAGE:0PGK2

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

Ingred Na

me:SYNTHETIC HYDROCARBON - PROPRIETARY COMPOUND IDENTIFIED AS
MONSANTO MCS 1912.

Other REC Limits:NONE SPECIFIED

Ingred Name:PHOSPHATE ESTERS - (CLAIMED AS PROPRIETARY BY MONSANTO)

Other REC Limits:NONE SPECIFIED

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL

CAS:128-37-0

RTECS #:GO7875000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3; 9192

Ingred Name:THIS "INGREDIENT " IS USED TO INFORM THE READER OF THE PEL
AND TLV OF OIL MIST.

Other REC Limits:NONE SPECIFIED

OSHA PE

L:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >15,800 MG/KG.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
& GI TRACTS. ACUTE- EYES:MAY CAUSE IRRITATION.

SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. INHALE:NONE
EXPECTED AT AMBIENT TEMPERAT

URES. ORAL:PRACTICALL Y NONTOXIC.

CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.

SKIN:REMOVE

EXCESS. WASH SKIN WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMIT ING. IF CONSCIOUS, RINSE MOUTH WITH WATER. SEEK MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:327F,164C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAIN

ED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:PICK UP SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE AWAY FROM STRONG OXI

DIZERS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. LAUNDRER CLOTHING BEFORE REUSE. AVOID INHALING MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE RETENTION OF RESIDUE S. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES

EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED ORGANIC VAPO R RESPIRATOR.

Ventilation:GENERAL ROOM VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:NITRILES IF PROLONGED/REPEATED CONTACT

Eye Protection:SAFETY GOGGLES IF SPLASHING ANTICIPATED

Other Protective 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 PROCEDUR

ES. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:590F,310C

Spec Gravity:0.91

Viscosity:25 CST @ 77F

Solubility in Water:VERY LOW

Appearance and Odor:CLEAR TO SLIGHTLY HAZY YELLOW LIQUID

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

Stability Ind

icator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF PHOSPHORUS, LOW MOLECULAR WEIGHT HYDROCARBONS, SOOT AND SMOKE CAN BE PRODUCED

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

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