



Formerly Class C Solutions Group

## Safety Data Sheet

### E, NON-REGULATED MATTER

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MATERIAL SAFETY DATA SHEET - GHS CANADA

#### ----- SECTION 1 - IDENTIFICATION -----

PRODUCT IDENTIFIER:

QUAD CUT (R \*) (LUBRICATING OIL, NON-REGULATED MATTER)

SUPPLIER: REMI CORPORATION

ADDRESS OF SUPPLIER:

5795 WASHINGTON ST.

UNIT # 2 NAPLES, FL 34109

USA

SUPPLIER TELEPHONE: 1-800-421-3024

TELEPHONE NUMBER AND EMERGENCY HOURS: 813-248-6191 24/24, 7/7

INTENDED USE: TOOL LUBRICATION

UNUSUALIZED USES: UNPRECEDENTED USE

#### ----- SECTION 2 - RISK IDENTIFICATION -----

WARNING TERM: WARNING

SUBSTANCE OR MIXTURE: MIXTURE

HAZARD CLASSIFICATIONS: EYE IRRITANT, CATEGORY 2B

OTHER THAN FLAMMABILITY, NO SPECIFIC DATA EXISTS FOR THIS MIXTURE.  
HAZARD CLASSIFICATIONS COME FROM INFORMATION AVAILABLE ON  
PRESENT COMPONENTS

HAZARD INFORMATION BASED ON COMPONENT INFORMATION:

HAZARDS: EYE CONTACT MAY CAUSE LIGHT OCULAR IRRITATION.

PRECAUTIONS:

DO NOT HANDLE BEFORE YOU HAVE COMPRISED ALL SAFETY INSTRUCTIONS.  
WEAR PROTECTIVE CLOTHING, GLOVES AND PROTECTION FOR  
EYES BEFORE HANDLING. USE ONLY WITH VENTILATION  
ADEQUATE. AVOID BREATHING FUMES OR VAPORS.

OTHER HAZARDS NOT RESULTING IN CLASSIFICATION:  
RISK OF BEING DANGEROUS TO ORGANISMS LIVING IN THE SOIL.

ABSTRACT:

READ THE MATERIAL SAFETY DATA SHEET FIRST BEFORE USE.  
TAKE ALL PRECAUTIONS. USE ENGINEERING MEASURES FOR  
MINIMIZE HUMAN EXPOSURE TO CHEMICALS IN THE PLACE OF WORK.

----- SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS -----

NAPHTHENIC DISTILLATES HEAVY HYDROTREATES 64742-52-5 60 - 100

HEAVY CLEAN DEAFFINED PARAFFINIC DISTILLATE 64742-65-0 15 - 40

PROFESSIONAL SECRET COMPONENT 63-449-39-8 5 - 15

TRIGLYCERIDE OF FATTY ACIDS 120962-03-0 5 - 15

MIXING OF CHLORINATED FATTY ACIDS 61788-76-9 1-5

ALKYLMERCAPTOTHIADIAZOLE NONE <1

EXACT PERCENTAGES AND IDENTITY OF COMPONENTS ARE RETAINED AS  
PROFESSIONAL SECRETS. LEVELS OF OCCUPATIONAL EXPOSURE, TOXICITY  
AND ECOLOGICAL INFORMATION IS AVAILABLE IN SECTIONS 8, 11 AND 12 CIDESSOUS.  
USERS MUST READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET  
ENTIRETY. MORE SPECIFIC INFORMATION ON COMPONENTS WILL BE DELIVERED  
TO MEDICAL PROFESSIONALS IN CASE OF EMERGENCY.

----- SECTION 4 - FIRST AID MEASURES -----

FIRST STAKEHOLDERS MUST WEAR APPROPRIATE CLOTHES FOR  
INDUSTRIAL EXHIBITION ACCORDING TO LOCAL CODES. MINIMUM, ALL  
EXPOSED SKIN MUST BE COVERED AND WE MUST WEAR LATEX GLOVES SO  
AN EYE PROTECTION IN ACCORDANCE WITH ANSI 287 OR CSA Z94.3.  
FIRST STAKEHOLDERS MUST AVOID CONTACT WITH MATERIAL  
RELEASED. SPILLS FROM THIS MATERIAL HAVE A RISK OF SLIP.  
IN THE PRESENCE OF SMOKE, VAPORS OR INTENSE FOG, THE FIRST  
INTERVENORS MUST USE A RESPIRATOR AGAINST ORGANIC VAPORS  
OR AN INSULATING RESPIRATORY DEVICE.

IF SWALLOWED:

GET MEDICAL TREATMENT IMMEDIATELY. CALL THE POISON CENTER.

IF INHALED:

EXIT THE VICTIM TO THE FRESH AIR AND MAINTAIN IT IN A POSITION  
WHERE IT CAN COMFORTABLY BREATHE. GET IMMEDIATE A TREATMENT  
MEDICAL.

IF IN EYES:

60

RINSE EYES WITH FRESH WATER. GET MEDICAL TREATMENT IMMEDIATELY.  
CALL THE POISON CENTER.

IF ON SKIN:

REMOVE CONTAMINATED CLOTHING. WASH IMMEDIATELY WITH WATER AND SOAP.  
GET MEDICAL TREATMENT IMMEDIATELY.

IF IN CONTACT WITH CLOTHES:

AVOID CONTACT WITH SKIN WITH CONTAMINATED CLOTHING. REMOVE THE  
CONTAMINATED CLOTHING AND WASHING BEFORE REUSE.

IF ON EXPOSURE: CONTACT A PHYSICIAN IN CASE OF MALAISE.

MOST IMPORTANT SYMPTOMS ACUTE:

RESPIRATORY EFFECTS, EFFECTS ON VISION.

DELAYED: DERMATOLOGICAL EFFECTS.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

DIFFICULT BREATHING, DIZZINESS, EXTREME SOMNOLENCE, IRRITATION  
EYE, LOSS OF VISION, SKIN ERUPTION.

----- SECTION 5 - FIRE FIGHTING MEASURES -----

APPROPRIATE EXTINGUISHING MEDIA:

AVOID ANY SPRAY OF WATER SPRAY ON FIRE LIQUIDS AND THIS, FOR  
AVOID SPREADING THE FIRE. USE CHEMICAL POWDER OR MEDIUM  
EXTINCTION FOAM.

SPECIFIC FIRE HAZARDS:

FIREFIGHTERS MUST BE PROTECTED FROM SMOKE BY A BREATHING APPARATUS  
INSULATING. THICK SMOKE CAN DARK THE VISION. SMOKE CAN  
CONTAIN CARBON OXIDES, NITROGEN, SULFUR AND CHLORINE.

SPECIAL PROTECTIVE MEASURES:

KEEP FRESH CONTAINERS WITH WATER SPRAY. EVACUATING THE AREA  
LOCAL UNTIL THE FIRE IS CONTROLLED.

----- SECTION 6 - ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS:

SPILLS HAVE A RISK OF SLIP. TURN OFF / DISCONNECT ALL  
POSSIBLE SOURCES OF COMBUSTION NEAR SPILL. ENSURE ONE  
ADEQUATE VENTILATION OF VAPORS FROM THE AFFECTED AREA. KEEP ALL  
SUPERFLUOUS PERSONNEL IN ZONE SURROUNDING SPILL. BEFORE CLEANING,  
THREAD PROTECTIVE CLOTHES INCLUDING A RESISTANT OUTER LAYER  
TO CHEMICALS AND HYDROCARBONS, GLOVES IN LATEX OR  
RUBBER, RUBBER BOOTS AND EYE PROTECTION. THE  
EMERGENCY STAKEHOLDERS MUST WEAR RESISTANT CLOTHES  
CHEMICALS AND HYDROCARBONS.

ENVIRONMENTAL PRECAUTIONS:

SMALL SPILLS MAY BE WIPED WITH RAGS. FOR THE  
SPILLS OF MORE THAN 10 LITERS, IF IT CAN BE DONE WITHOUT DANGER,  
CONTAINING SPILLED MATERIAL USING DIATOMIZED LAND AND / OR BUFFER  
ABSORBENTS. END THE DRAINS AND PREVENT THE MATERIAL FROM ENTERING THE

SEWERS, DITCHES, DRAINS AND RIVERS. PLACE ABSORBED MATERIAL IN HERMETIC STORAGE CONTAINERS AND CONSULT AN EXPERT IN ENVIRONMENT ON APPROPRIATE EVACUATION MEASURES. REPORT IMMEDIATELY ANY DISCHARGE THAT WAS ESCAPED FROM CONTAINMENT TO THE AUTHORITY LOCAL ENVIRONMENTAL OR FIREFIGHTERS.

CLEANING METHODS:

ABSORPTION WITH DIATOMED EARTH AND / OR ABSORBENT BUFFERS IS THE BEST METHOD. DO NOT USE A VACUUM CLEANER. DO NOT ELIMINATE SPILLS OF HYDROCARBONS OR CHEMICALS IN SEWERS OR DRAINS. USE APPROPRIATE EVACUATION METHODS FOR ABSORBENTS USES AND CONTAMINATED CLOTHES OR CLOTHES.

----- SECTION 7 - HANDLING AND STORAGE -----

HANDLING PRECAUTIONS:

WEAR PROTECTIVE EQUIPMENT INCLUDING SKIN PROTECTION, HANDS AND EYES WHEN HANDLING THIS MATERIAL. USE A GOOD VENTILATION OR WEAR A NIOSH APPROVED RESPIRATOR WITH CARTRIDGES FOR ORGANIC VAPORS. TRANSFER LARGE QUANTITIES USING PUMPS AND LINES THAT ARE PROPERLY MAINTAINED. PERFORM VISUAL CONTROL OF PIPES AND REPLACE PIPE AND / OR FITTED OR SUSPECTED FITTINGS. USE CLEAN CONTAINERS WITH HERMETIC COVERS TO TRANSFER FROM SMALL QUANTITIES. USE CAUTION WHEN PAYING TO AVOID ANY SPLASH IN THE EYES OR ON THE SKIN. DO NOT MANIPULATE OPEN CONTAINERS NEAR FLAMES OR HOT SURFACES.

CONDITIONS FOR STORAGE WITHOUT DANGER:

STORE THE CONTAINERS INSIDE THE HEAT AND FLAMES. STORE IN A SECURE LOCATION WITH A GOOD VENTILATION. KEEP THE SEALED CONTAINER WHEN NO PRODUCT IS TRANSFERRED. PROTECT AGAINST RAIN AND EXTREME COLD.

AVOID ANY STORAGE OF HYDROCARBONS IN THE VICINITY OF STRONG MINERAL ACIDS OR MATERIALS MARKED "OXIDIZING".

----- SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION -----

CONTROL PARAMETERS:

NO EXPOSURE LIMITS ARE ESTABLISHED FOR THIS MIXTURE. AN INFORMATION ON INDIVIDUAL COMPONENTS IS PROVIDED BELOW.

INFORMATION ON COMPONENTS - LIMIT VALUES OF OCCUPATIONAL EXPOSURE:

NAPHTHENIC HYDROTREATED HEAVY:

US ACGIH:

TWA: 5 MG / M3

STEL: 10 MG / M3 (AS OIL STEAM, IF NECESSARY)

US OSHA: 5 MG / M3

TWA: AS AN OIL STEAM, IF APPLICABLE

HEAVY PARAFFINIC DEPARIFIED WITH SOLVENT:

US ACGIH:

TWA: 5 MG / M3

STEL: 10 MG / M3 (AS OIL STEAM, IF NECESSARY)

US OSHA: 5 MG / M3

TWA: AS AN OIL STEAM, IF APPLICABLE

PROFESSIONAL SECRET COMPONENT: NO ESTABLISHED

TRIGLYCERIDE FATTY ACIDS: NO ESTABLISHED

MIXTURE OF CHLORINATED FATTY ACIDS: NO ESTABLISHED

ALKYLMERCAPTOTHIA DIAZOLE: NO ESTABLISHED

PERSONAL PROTECTIVE EQUIPMENT:

WORKERS EXPOSED TO AIR LEVELS ABOVE THE VALUES OF THRESHOLDS INDICATED BELOW MUST USE PROTECTIVE EQUIPMENT INCLUDING SAFETY GLASSES, LATEX GLOVES, SHIRTS LONG SLEEVE WORK, LONG PANTS, A HEAD COVER AND WORK SHOES HAVING OIL-RESISTANT SOLES CHEMICAL PRODUCTS. SIMILAR PROTECTIVE EQUIPMENT MUST BE WORN WHEN SERVICING THE EQUIPMENT CONTAINING THE MATERIAL OR WHEN DRAINING OR FILLING FRESH PRODUCT EQUIPMENT.

TECHNICAL CONTROLS:

TECHNICAL CHECKS MUST PROVIDE ADEQUATE VENTILATION FOR KEEP AIR CONCENTRATIONS BELOW THRESHOLD VALUES INDICATED ABOVE. PUMPS AND HANDLING EQUIPMENT MUST BE DESIGNED TO DECREASE THE POTENTIALS OF HUMAN EXPOSURE TO LIQUIDS TRANSFERRING CONTAINERS IN CLOSED SYSTEMS.

----- SECTION 9 - PHYSICAL PROPERTIES -----

APPEARANCE: TRANSPARENT LIQUID

ODOR: CHARACTERISTIC

ODOR THRESHOLD: UNKNOWN

PH: 5.0- 5.5

FUSION POINT: NOT APPLICABLE

FREEZING POINT: <0 C

INITIAL BOILING POINT:> 100 C

BEACH OF BOILING: UNKNOWN

INFLAMMATION POINT:> 93 C

EVAPORATION RATE: <1 (N-BUTYL ACETATE = 1)

UPPER EXPOSURE LIMIT: UNKNOWN

LOWER EXPOSURE LIMIT: UNKNOWN

VAPOR PRESSURE: <1 MM HG

VAPOR DENSITY:> (AIR = 1)

RELATIVE DENSITY: 0,82 - 0,92 KG / L AT 25 C

SOLUBILITY: HYDROCARBONS, INSOLUBLE IN WATER

SHARING COEFFICIENT: UNKNOWN

AUTO-IGNITION TEMPERATURE: UNKNOWN

TEMPERATURE OF DECOMPOSITION: UNKNOWN

VISCOSITY CST 40 C: 25 CST 40 C

----- SECTION 10 - PHYSICAL PROPERTIES -----

REACTIVITY:

VIOLENT REACTION HAZARD IN COMBINATION WITH OXIDANTS  
STRONG AND HEAT.

CHEMICAL STABILITY: STABLE UNDER STORAGE CONDITIONS RECOMMENDED.

CONDITIONS TO AVOID:

KEEP AWAY FROM FIRE, SPARKS AND OTHER SOURCES OF  
COMBUSTION.

POTENTIALLY DANGEROUS REACTIONS: NONE KNOWN.

INCOMPATIBLE MATERIALS: STRONG ACIDS AND MATERIALS MARKED "OXIDIZING".

HAZARDOUS DECOMPOSITION PRODUCTS:

COMBUSTION BY-PRODUCTS INCLUDE CARBON DIOXIDE, MONOXIDE OF  
CARBON, OXIDES OF SULFUR, OXIDES OF NITROGEN AND THE SMALL FAT OF AGE.

----- SECTION 11 - INFORMATION ON TOXICOLOGY -----

PROBABLE EXPOSURE ROUTES:

DERMAL AND OCULAR EXPOSURE TO NORMAL CONDITIONS OF USE.  
INGESTION AND INHALATION ARE LIKELY PROBABLE IF EMPLOYMENT PRECAUTIONS  
ARE RESPECTED.

SYMPTOMS OF EXPOSURE:

INGESTION:

MINIMUM AMOUNTS OF INGESTION, EG. DO NOT WASH HANDS BEFORE  
TO EAT / SMELL IS NOT LIKELY TO CAUSE SYMPTOMS. AVALER THE  
LIQUID PRODUCT MAY CAUSE VOMITING AND NAUSEA.

INHALATION: COUGH AND RESPIRATORY DIFFICULTY.

SKIN / EYE:

LIGHT DERMAL CONTACT IS NOT IRRITATING. ANY EXTENDED DERMAL CONTACT

MAY CAUSE LOCAL IRRITATION AND ERUPTION. ALL CONTACT WITH  
EYE CAUSES LIGHT TO SEVERE OCULAR IRRITATION AND TEMPORARY LOSS  
FROM THE VIEW.

IMMEDIATE OR DELAYED EFFECTS: NO DATA AVAILABLE

INTERACTIVE EFFECTS: NO DATA AVAILABLE

DIGITAL MEASURES OF TOXICITY - COMPONENTS

ACUTE ORAL TOXICITY:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: LD 50> 5,000 MG / KG

SOLID CLEAN DEAFFINED PARAFFINIC DISTILLATE: LD 50> 5000 MG / KG

PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE

TRIGLYCERID FATTY ACIDS: LD 50> 5000 MG / KG

MIXING OF CHLORINATED FATTY ACIDS:

SMALL QUANTITIES WILL NOT CAUSE INJURY INJURY

ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

ACUTE SKIN TOXICITY:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: LD 50> 5,000 MG / KG

SOLID CLEAN DEAFFINED PARAFFINIC DISTILLATE: LD 50> 5000 MG / KG

PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE

TRIGLYCERIDE OF FATTY ACIDS: NO EFFECT

MIXING OF CHLORINATED FATTY ACIDS:

EXCESSIVE SKIN CONTACT MAY CAUSE SLIGHT IRRITATION

ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

ACUTE TOXICITY:

INHALATION:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO EFFECT

HEAVY CLEAN DEAFFINED PARAFFINIC DISTILLATE WITHOUT EFFECT

PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE

TRIGLYCERIDE OF FATTY ACIDS: NO DATA AVAILABLE

MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE

ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

SKIN CORROSION:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NON-CORROSIVE

HEAVY CLEAR DEAFFINED PARAFFINIC DISTILLATE: NON CORROSIVE

PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE

FATTY ACID TRIGLYCERIDE: NON-CORROSIVE

MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE

ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

OCULAR CORROSION:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: LIGHT EYE IRRITANT

SOLID DEPARTIFIED HEAVY PARAFFINIC DISTILLATE: LIGHT IRRITANT

PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE

TRIGLYCERIDE OF FATTY ACIDS: LIGHT IRRITANT

MIXING OF CHLORINATED FATTY ACIDS:  
CONTACT WITH EYES MAY CAUSE LIGHT IRRITATION

ALKYLMERCAPTOTHIAZOLE: NO DATA AVAILABLE

RESPIRATORY SENSITIZATION:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO KNOWN EFFECT  
HEAVY CLEAR DEAFFINED PARAFFINIC DISTILLATE: NO KNOWN EFFECT  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE FATTY ACIDS: NO KNOWN EFFECT  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIAZOLE: NO DATA AVAILABLE

SKIN SENSITIZATION:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO KNOWN EFFECT  
HEAVY CLEAR DEAFFINED PARAFFINIC DISTILLATE: NO KNOWN EFFECT  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE FATTY ACIDS: NO KNOWN EFFECT  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIAZOLE: NO DATA AVAILABLE

MUTAGENICITY OF GERMINAL CELLS:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NON MUTAGENIC  
HEAVY DEFENSE PARAFFINIC PARTIFINAL DISTILLATE: NON MUTAGEN  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE OF FATTY ACIDS: NON MUTAGENIC  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIAZOLE: NO DATA AVAILABLE

CANCER:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS:  
NOT LISTED BY IARC, ACGIH, NTP OR OSHA

HEAVY PARAFFINIC DISTILLATE DISPARIFIED WITH SOLVENT:  
NOT LISTED BY IARC, ACGIH, NTP OR OSHA

PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE

FATTY ACID TRIGLYCERIDE: NON-CARCINOGEN

MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE

ALKYLMERCAPTOTHIAZOLE: NO DATA AVAILABLE

EFFECTS ON REPRODUCTION:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO KNOWN EFFECT  
HEAVY CLEAR DEAFFINED PARAFFINIC DISTILLATE: NO KNOWN EFFECT  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE FATTY ACIDS: NO KNOWN EFFECT  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

TARGET ORGAN 1:

EXPOSURE:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO EFFECT  
HEAVY CLEAN DEAFFINED PARAFFINIC DISTILLATE WITHOUT EFFECT  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE FATTY ACIDS: NO KNOWN EFFECT  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

TARGET ORGAN MULTIPLE EXPOSURE:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO EFFECT  
HEAVY CLEAN DEAFFINED PARAFFINIC DISTILLATE WITHOUT EFFECT  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE FATTY ACIDS: NO KNOWN EFFECT  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

ASPIRATION RISK:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO EFFECT  
HEAVY CLEAN DEAFFINED PARAFFINIC DISTILLATE WITHOUT EFFECT  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE FATTY ACIDS: NO HAZARD  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

OTHER INFORMATION:

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ECOLOGICAL SUMMARY:

MINERAL OILS OF HYDROCARBONS HAVE LOW TOXICITY AND ARE  
INTRINSICALLY BIODEGRADABLE. ADDITIVES IN THE MIXTURE HAVE  
VARIOUS DEGREES OF TOXICITY, PERSISTENCE AND OTHER EFFECTS. THE DATA OF  
AVAILABLE COMPONENTS ARE INDICATED BELOW.

BIOACCUMULATION: NO DATA AVAILABLE

PERSISTENCE / DEGRADABILITY: NO DATA AVAILABLE

EFFECTS OF WASTE TREATMENT: NO DATA AVAILABLE

SOIL MOBILITY:

MINERAL OILS HAVE BEEN ADHERED TO THE FLOOR. WE COUNT  
ON A LOW MOBILITY.

OTHER ADVERSE EFFECTS:

SPIILLS OR LEAKAGE OF OILS IN THE WATERCOURSES WILL CAUSE  
HYDROCARBON IRISHING ON THE SURFACE.

TOXICITY FOR AQUATIC ORGANISMS, INFORMATION ON INGREDIENTS:

AQUATIC TOXICITY, ACUTE:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO DATA AVAILABLE  
HEAVY CLEAR DEAFFINED PARAFFINIC DISTILLATE: NO DATA AVAILABLE  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE OF FATTY ACIDS: NO DATA AVAILABLE  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

AQUATIC TOXICITY, LONG-TERM:

NAPHTHENIC DISTILLATES HEAVY HYDROTREATS: NO DATA AVAILABLE  
HEAVY CLEAR DEAFFINED PARAFFINIC DISTILLATE: NO DATA AVAILABLE  
PROFESSIONAL SECRECTION COMPONENT: NO DATA AVAILABLE  
TRIGLYCERIDE OF FATTY ACIDS: NO DATA AVAILABLE  
MIXING OF CHLORINATED FATTY ACIDS: NO DATA AVAILABLE  
ALKYLMERCAPTOTHIADIAZOLE: NO DATA AVAILABLE

OZONE:

NO COMPONENT OF THIS MIXTURE HAS NEGATIVE EFFECTS KNOWN OR REPORTED ON THE OZONE LAYER OF THE EARTH.

----- SECTION 13 - EVACUATION CONSIDERATIONS -----

CONTAINERS AND EVACUATION METHODS:

UNUSED MATERIAL IS NOT HAZARDOUS RCRA WASTE. MIXING WITH OTHER WASTE MAY RESULT IN CLASSIFICATION AS HAZARDOUS WASTES. USERS MUST DETERMINE COMPLIANCE WITH LOCAL REGULATIONS, OF STATE AND FEDERALS FOR APPROPRIATE CLASSIFICATION AND EVACUATION OILS AND THEIR USED MIXTURES. ADEQUATE CONTAINERS INCLUDE TONNEAUX AND STEEL DRUMS AND POLYETHYLENE FOR CONFINING USED OIL. A SECOND CONFINEMENT IS RECOMMENDED. CONTAINERS MUST BE CLOSED HERMETICALLY PROTECTED FROM RAIN AND ALL EXPOSURE.

CHEMICAL AND PHYSICAL PROPERTIES AFFECTING EVACUATION:

CHANGES IN PHYSICAL AND CHEMICAL PROPERTIES DURING USE, SUCH AS CONTAMINATION WITH LEAD, ZINC OR OTHER METALS, MAY AFFECT CLASSIFICATION FOR EVACUATION. USED OILS MUST BE TESTED TO DETERMINE METAL CONTENT AND REGULATIONS LOCAL, STATE AND FEDERAL APPROPRIATIONS GOVERNING THE EVACUATION OF THESE LIQUID.

INAPPROPRIATE EVACUATION:

ANY DISCHARGE OF OILY WASTE IN SEWERS, RIVERS OF WATER OR DRAIN NO REGULATION IS INAPPROPRIATE AND MAY RESULT IN FINES, SANCTIONS, CLEANING COSTS AND PENAL RESPONSIBILITIES.

PRECAUTIONS FOR DISCHARGE:

OILY LIQUID SHOULD NOT BE EVACUATED IN A DISCHARGE. EVACUATION ABSORBENTS, RAGS OR OTHER OILY ARTICLES IN A NON-STABLE DISCHARGE MUST BE CARRIED OUT WITH THE APPROPRIATE PERMISSION OF LOCAL AUTHORITIES, STATE AND FEDERAL.

----- SECTION 14 - TRANSPORTATION INFORMATION -----

EXACT DESIGNATION OF UN SHIPPING:  
LUBRICATING OIL, NON-REGULATED MATERIAL

UN NUMBER: NOT REGULATED

HAZARD CLASS FOR TRANSPORT: NOT APPLICABLE

PACKAGING GROUP: NOT APPLICABLE

MARITIME: NOT REGULATED

ROUTE: NOT REGULATED

TRAIN: NOT REGULATED

INLAND WATERWAYS: NOT REGULATED

SPECIAL PRECAUTIONS: NIL

MARPOL: NOT AVAILABLE FOR SALE IN BULK MARITIME SHIPMENTS

IBC CODE: NOT APPLICABLE

----- SECTION 15 - REGULATORY INFORMATION -----

INVENTORY TSCA 8B:

ALL COMPONENTS ARE REGISTERED ON THE US TSCA INVENTORY.

US SARA 313: NO COMPONENTS ARE SUBJECT TO REPORTING REQUIREMENTS.

SARA 311/312 ACUTE HEALTH RISK: NONE

SARA 311/312 CHRONIC HEALTH HAZARD: NONE

SARA 311/312 FIRE RISK: NONE

SARA 311/312 SUDDEN PRESSURE RELIEF: NONE

SARA 311/312 RISK OF REACTIVITY: NONE

CALIFORNIA - PROPOSAL 65:

THIS MATERIAL CONTAINS NO CHEMICALS KNOWN IN THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH OR OTHER MALFORMATIONS DAMAGE TO THE FETUS AT CONCENTRATIONS THAT TRY THE REQUIREMENTS OF WARNING FOR PROPOSAL 55 IN THE STATE OF CALIFORNIA.

OTHER REGULATIONS:

WHMIS CANADA: NO CATEGORY OF RISK

ALL SPILL OR RELEASE OF THIS PRODUCT IN "RUNNING WATER"  
"NAVIGABLE" (ESSENTIALLY ALL SURFACE WATER, INCLUDING CERTAIN AREAS WET) OR CONTIGUOUS SHORES SUFFICIENT TO CAUSE VISIBLE IRISIS OR A MUD OR EMULSION DEPOSIT MUST BE IMMEDIATELY REPORTED AT THE NATIONAL RESPONSE CENTER (1-800-424-8802) AS REQUIRED AMERICAN FEDERAL LAW.

CONTACT STATE AND LOCAL REGULATORY AGENCIES ALSO  
APPROPRIATE AS REQUIRED.

----- SECTION 16 - OTHER INFORMATION -----

DATE OF REVISION: MAY 20, 2015

REASONS FOR REVISION: INITIAL VERSION.

SEC 16 OTHER INFO:

THIS MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED IN GOOD FAITH FROM  
THE MOST RECENT INFORMATION AVAILABLE IN ACCORDANCE WITH ST-SGAC10-30-REV4E.  
HOWEVER, NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE  
NO SPECIAL OR EXPRESS OR IMPLIED WARRANTY  
THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE,  
THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT,  
THE SAFETY OF THIS PRODUCT, OR THE RISKS ASSOCIATED WITH ITS USE. ANY  
LIABILITY IS NOT ASSUMED FOR ANY DAMAGES OR CONSEQUENTIAL INJURY  
ABNORMAL USE OR NON-COMPLIANCE WITH RECOMMENDED PRACTICES.  
THE INFORMATION PROVIDED ABOVE AND THE PRODUCT ARE PROVIDED PROVIDED THAT  
THE PERSON RECEIVING THEM DETERMINES THE QUALITY OF THE PRODUCT AT HIS END  
PARTICULAR AND ON CONDITION THAT IT ASSUMES THE RISK OF THEIR USE.