

# MATERIAL SAFETY DATA SHEET

(Essentially similar to Form OSHA-20) &lt;Complies with 29CFR 1910.1200&gt;

EMERGENCY 24 HOURS:  
CHEMTREC: 800/424-9300

CODE NUMBER: C0400

DATE 07/1/01

TRADE NAME: MULTIGERR MP OIL SE 85W140 API GL-5

SUPERCEDES

090221

CHEMICAL FAMILY: PETROLEUM

CARCINOGENIC INGREDIENTS/OSHA/NTP/IARC: NONE

C.A.S. NO.: "MIXTURE"

TSCA INFORMATION: COMPONENTS OF THIS PRODUCT ARE LISTED

## SECTION II - HAZARDOUS INGREDIENTS

| COMPONENTS                                                                                                                                             | C.A.S. NOS.                            | TLV/PEL PPM | mg/m <sup>3</sup> | PERCENT BY WEIGHT/VOLUME |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------|-------------------|--------------------------|
| SOLU REF PETR BASE STOCK                                                                                                                               | 64742-01-4<br>64742-65-0<br>64742-18-3 |             | 5                 | <95                      |
| THIS PRODUCT DEFINED AS NON-HAZARDOUS EXCEPT AS STATED ABOVE. DISCLOSURE OF INGREDIENTS AVAILABLE TO PHYSICIAN OR NURSE IN EVENT OF MEDICAL EMERGENCY. |                                        |             |                   |                          |

## SECTION III - FIRE AND EXPLOSION HAZARD DATA

|                                                                         |                                                                                      |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| HAZARDOUS THERMAL DECOMPOSITION<br>CARBON MONOXIDE AND ASPHYXIANTS      | FLAMMABLE LIMITS:<br>LEL - UEL<br>N/A                                                |
| EXTINGUISHING<br>MEDIA: CARBON DIOXIDE, DRY CHEMICAL,<br>FOAM, WATERFOG | FLASH POINT: ASTM D92 (COC)<br>>225 °C (< 437 °F)<br>DOT INFORMATION:<br>OIL, N.O.S. |

UNUSUAL FIRE AND EXPLOSION HAZARDS: SLIGHTLY COMBUSTIBLE, WHEN HEATED ABOVE FLASH POINT WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN OPEN OR BE EXPLOSIVE IN CONFINED SPACES IF EXPOSED TO SOURCE OF IGNITION.

SPECIAL FIRE FIGHTING PROCEDURES: DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS.

## SECTION IV - PHYSICAL DATA

|                                    |                  |                                                               |                   |                      |  |
|------------------------------------|------------------|---------------------------------------------------------------|-------------------|----------------------|--|
| BOILING RANGE: >325° C             |                  | SOLUBILITY: NEG                                               |                   | PH: N/A              |  |
| VAPOR PRESSURE: <0.01mm Hg @ 20° C |                  | APPEARANCE AND ODOR: BROWN, OILY LIQUID<br>SLIGHT PINKISH OIL |                   |                      |  |
| VAPOR DENSITY                      | EVAPORATION RATE | SPECIFIC GRAVITY                                              | WEIGHT PER GALLON | % VOLATILE BY VOLUME |  |
| HEAVIER THAN AIR                   | LESS THAN ETHER  | 0.917                                                         | 7.47              | NIL                  |  |

## SECTION V - REACTIVITY DATA

|                                                                      |                                                                     |
|----------------------------------------------------------------------|---------------------------------------------------------------------|
| INCOMPATIBILITY<br><MATERIALS TO AVOID>: STRONG OXIDIZING AGENTS     |                                                                     |
| STABILITY: STABLE                                                    | CONDITIONS TO AVOID: DO NOT HEAT ABOVE FLASH POINT.                 |
| HAZARDOUS DECOMPOSITION PRODUCTS:<br>CARBON MONOXIDE AND ASPHYXIANTS |                                                                     |
| HAZARDOUS POLYMERIZATION<br>NONE                                     | OCCUPATIONAL EXPOSURE LIMIT<br>TLV = 5mg/m <sup>3</sup> AS OIL MIST |

HY-O-LENE OIL CORP.  
4539 Cecelia Street  
Cudahy, California 90201

| ROUTE OF EXPOSURE | ADVERSE EFFECTS: |                                                                                                                                                      | FIRST AID PROCEDURES:                                                                                    |  | NFPA |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--|------|
|                   | ING              | NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS                                                                  | DO NOT INDUCE VOMITING. CONSULT PHYSICIAN                                                                |  |      |
|                   | INH              | NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE                                                                   | REMOVE FROM CONTAMINATED AREA. APPLY ARTIFICIAL RESPIRATION. IF UNCONSCIOUS CONSULT PHYSICIAN            |  |      |
|                   | ECY              | NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS                                                                  | FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION DEVELOPS CONSULT PHYSICIAN                            |  |      |
|                   | ASC              | NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS                                                                  | WASH WITH SOAP AND WATER. CONSULT PHYSICIAN IF IRRITATION OR INFLAMMATION DEVELOPS                       |  |      |
|                   | CS               | PROLONGED AND/OR REPEATED CONTACT MAY PRODUCE MILD SKIN IRRITATION AND INFLAMMATION. PERSONNEL WITH PRE-EXISTING SKIN DISORDER SHOULD AVOID CONTACT. | WEAR PROTECTIVE CLOTHING TO AVOID SKIN CONTACT. CONSULT PHYSICIAN IF IRRITATION OR INFLAMMATION DEVELOPS |  |      |

### <DOT> SECTION VII — SPILL OR LEAK PROCEDURES <EPA>

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL.

#### WASTE DISPOSAL METHOD:

IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

TRANSPORTATION INFORMATION: CONSULT 49 CFR PARTS 1-300 AND REFER TO SECTION III OF THIS MSDS FOR ADDITIONAL RECOMMENDATIONS CONCERNING PLACARDING.

### SECTION VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: REQUIRED

OTHER PROTECTIVE EQUIPMENT: CHEMICALLY RESISTANT BOOTS AND APRONS RECOMMENDED.

VENTILATION: SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT

### SECTION IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING OR STORING:

AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS. PROPER FOOTWEAR REQUIRED.

PERSONAL HYGIENE: WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

OTHER PRECAUTIONS: WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED CLOTHING AND LAUNDER BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

APPROVED BY:

DATE: 9/07/18

MULTIGRAPH MP DTL SE 85H40 API GL-5

HY-OLENE OIL CORP.  
4539 Cecelia Street  
CUDAHY, CALIFORNIA 90201

DMC  
MERC

C0400

HEALTH

FIRE

REACTIVITY

PERSONAL PROTECTION (NFPA)

**MATERIAL SAFETY DATA SHEET**

(Essentially similar to Form OSHA-20) &lt;Complies with 29CFR 1910.1200&gt;

**SECTION I**

CODE NUMBER: C0095

DATE 931213

TRADE NAME: SYNGEAR SAE 75W90 API GL-3, 4 +5

SUPERCEDES

CHEMICAL FAMILY: PETROLEUM

CARCINOGENIC INGREDIENTS/OSHA/NTP/IARC: NONE

C.A.S. NO.: "MIXTURE"

TSCA INFORMATION: COMPONENTS OF THIS PRODUCT ARE LISTED

**SECTION II — HAZARDOUS INGREDIENTS**

| COMPONENTS                                                                                                                                             | C.A.S. NOS. | TLV/PEL PPM | mg/m <sup>3</sup> | PERCENT BY WEIGHT/VOLUME |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------------|--------------------------|
| SOLU REF PETR BASE STOCK                                                                                                                               | 64742-65-0  |             | 5                 | (75)                     |
| THIS PRODUCT DEFINED AS NON-HAZARDOUS EXCEPT AS STATED ABOVE. DISCLOSURE OF INGREDIENTS AVAILABLE TO PHYSICIAN OR NURSE IN EVENT OF MEDICAL EMERGENCY. |             |             |                   |                          |

**SECTION III — FIRE AND EXPLOSION HAZARD DATA**

|                                                                                                                                                                                                                          |  |                              |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|-------------------------|
| <b>HAZARDOUS THERMAL DECOMPOSITION</b><br>CARBON MONOXIDE AND ASPHYXIANTS                                                                                                                                                |  | <b>FLAMMABLE LIMITS:</b>     | <b>LEL — UEL</b><br>N/A |
| <b>EXTINGUISHING MEDIA:</b> CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATERFOG                                                                                                                                                 |  | <b>FLASH POINT:</b><br>325°C | ASTM D92 (COC)<br>437°F |
| <b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> SLIGHTLY COMBUSTIBLE, WHEN HEATED ABOVE FLASH POINT WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN OPEN OR BE EXPLOSIVE IN CONFINED SPACES IF EXPOSED TO SOURCE OF IGNITION. |  | <b>DOT INFORMATION:</b>      | OIL, N.O.S.             |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS.                                                          |  |                              |                         |

**SECTION IV — PHYSICAL DATA**

|                                                |                         |                                                                       |                          |                             |
|------------------------------------------------|-------------------------|-----------------------------------------------------------------------|--------------------------|-----------------------------|
| <b>BOILING RANGE:</b> 325°C                    |                         | <b>SOLUBILITY:</b> NEG                                                | <b>PH:</b> N/D           |                             |
| UOC, 1HR @ 110 DEG C (D2369), NON-EXEMPT = NIL |                         |                                                                       |                          |                             |
| <b>VAPOR PRESSURE:</b> <0.01mm Hg @ 20 °C      |                         | <b>APPEARANCE AND ODOR:</b> BROWN, OILY LIQUID<br>SLIGHT PUNGENT ODOR |                          |                             |
| <b>VAPOR DENSITY</b>                           | <b>EVAPORATION RATE</b> | <b>SPECIFIC GRAVITY</b>                                               | <b>WEIGHT PER GALLON</b> | <b>% VOLATILE BY VOLUME</b> |
| HEAVIER THAN AIR                               | LESS THAN ETHER         | 0.880                                                                 | 7.33                     | NIL                         |

**SECTION V — REACTIVITY DATA**

|                                                                          |                                                                            |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>INCOMPATIBILITY</b><br><MATERIALS TO AVOID>: STRONG OXIDIZING AGENTS  |                                                                            |
| <b>STABILITY:</b> STABLE                                                 | <b>CONDITIONS TO AVOID:</b> DO NOT HEAT ABOVE FLASH POINT.                 |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> CARBON MONOXIDE AND ASPHYXIANTS |                                                                            |
| <b>HAZARDOUS POLYMERIZATION</b><br>NONE                                  | <b>OCCUPATIONAL EXPOSURE LIMIT</b><br>TLV = 5mg/m <sup>3</sup> AS OIL MIST |

HY-OLINE OIL CORP.  
4539 Cecelia Street  
CUDAHY, CALIFORNIA 90201

**SECTION VI — HEALTH HAZARD DATA**

| ROUTE OF EXPOSURE | ADVERSE EFFECTS: |                                                                                                                                                     | FIRST AID PROCEDURES:                                                                                    | NFPA |
|-------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------|
|                   | ING              | NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS                                                                 | DO NOT INDUCE VOMITING. CONSULT PHYSICIAN                                                                |      |
|                   | INH              | NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE                                                                  | REMOVE FROM CONTAMINATED AREA. APPLY ARTIFICIAL RESPIRATION. IF UNCONSCIOUS CONSULT PHYSICIAN            |      |
|                   | ECY              | NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS                                                                 | FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION DEVELOPS CONSULT PHYSICIAN                            |      |
|                   | ASC              | NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS                                                                 | WASH WITH SOAP AND WATER. CONSULT PHYSICIAN IF IRRITATION OR INFLAMMATION DEVELOPS                       |      |
|                   | SKO              | PROLONGED AND/OR REPEATED CONTACT MAY PRODUCE MILD SKIN IRRITATION AND INFLAMMATION. PERSONNEL WITH PRE-EXISTING SKIN DISORDER SHOULD AVOID CONTACT | WEAR PROTECTIVE CLOTHING TO AVOID SKIN CONTACT. CONSULT PHYSICIAN IF IRRITATION OR INFLAMMATION DEVELOPS |      |

**<DOT> SECTION VII — SPILL OR LEAK PROCEDURES <EPA>****STEPS TO BE TAKEN IN CASE**

**MATERIAL IS RELEASED OR SPILLED:** STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL.

**WASTE DISPOSAL METHOD:**

IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**TRANSPORTATION INFORMATION:** CONSULT 49 CFR PARTS 1-300 AND REFER TO SECTION III OF THIS MSDS FOR ADDITIONAL RECOMMENDATIONS CONCERNING PLACARDING.

**SECTION VIII — SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** NONE NORMALLY REQUIRED

**PROTECTIVE GLOVES:** RECOMMENDED

**EYE PROTECTION:** REQUIRED

**OTHER PROTECTIVE EQUIPMENT:** CHEMICALLY RESISTANT BOOTS AND APRONS RECOMMENDED.

**VENTILATION:** SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT

**SECTION IX — SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN WHEN HANDLING OR STORING:**

AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION.

EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS. PROPER FOOTWEAR REQUIRED.

**PERSONAL HYGIENE:** WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

**OTHER PRECAUTIONS:** WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED CLOTHING AND LAUNDRY BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES

APPROVED BY:

DATE: 931221

SYNGER SAE 75490 RPI GL-3, 4 & 5

SYN-OLENE OIL CORP.  
4539 Cecelia Street  
LA BAY, CALIFORNIA 90201

CHEMICAL NUMBER

C0095

HEALTH

REACTIVITY

PERSONAL PROTECTION (NFPA)



FIRE