

VALCO CINCINNATI CONSUMER PRODUCTS INC.
ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246
MATERIAL SAFETY DATA SHEET
MATERIAL NAME: ENGINE ASSEMBLY LUBE
PART NUMBER(S): 710XX751, 710XX752, 710XX753, CP6165 (GALLON)
EMERGENCY TELEPHONE NO.: CALL INFOTRAC AT 1-800-535-5053
PRODUCT INFORMATION NO.: (513) 874-6550
DATE ISSUED: AUGUST 2009

SECTION I – GENERAL INFORMATION

MANUFACTURER'S NAME: TORCO INTERNATIONAL CORP.
TRADE NAME & SYNONYMS: ENGINE ASSEMBLY LUBE
DOT SHIPPING NAME: NOT REGULATED **HAZARD CLASS:** NONE
SHELF LIFE: 2 YEARS

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

NFPA: HEALTH = 1 FIRE = 1 REACTIVITY = 0

COMPOSITION/INFORMATION ON INGREDIENTS:

<u>COMPONENTS/SYNONYM</u>	<u>CASNR*</u>	<u>%</u>	<u>EXPOSURE LIMITS</u>
BASE MATERIALS	64742-55-8,64742-56-9, 64742-65-0	40-99	PEL/TWA: 5mg/m3, mist (OSHA, ACGIH) STEL: 10mg/m3,mist (ACGIH)
DISTILLATES PETROLEUM	64741-97-5,64742-54-7,64741-88-4		
HYDROTREATED HYDROCARBONS	64742-01-4,64742-57-0,64742-62-7	5-40	PEL/TWA: 5mg/m3, mist (OSHA, ACGIH) STEL: 10mg/m3, mist (ACGIH) LD 50>5000 mg/kg (RATS). (ORAL) /LC50>2000 mg/kg (RABBITS)
POLYMERS (1)	N/A "MIXTURE"		PEL/TWA: 5mg/m3 mist (OSHA ACGIH) STEL: 10 mg/m3 mist (ACGIH)
ADDITIVES (2)	N/A "MIXTURE"	3-10	

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NDA **VAPOR DENSITY:** (AIR=1) >1/HEAVIER THAN AIR
SOLUBILITY IN WATER: NO/NIL **SPECIFIC GRAVITY:** (WATER-1) 0.891
% VOLATILE BY VOLUME: NIL **FLASH POINT:** 240°C, 460°F,C.O.C. (TYPICAL)
FIRE POINT: >500°F (TYPICAL) **EVAPORATION RATE:** SLOWER THAN ETHER
PH: N/A **APPEARANCE:** RED LIQUID
ODOR: PTEROLEUM

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

STABILITY: STABLE **FLAMMABLE LIMITS:** 1-7% BY VOLUME IN AIR
EXPLOSIVE LIMITS: LOWER 1.0% UPPER 7%
EXTINGUISHING MEDIA: WATER FOG, CO₂, DRY CHEMICAL, FOAM, EARTH OR SAND
UNUSUAL FIRE HAZARDS: DO NOT USE A DIRECT STREAM OF WATER FOR FIGHTING FIRES, PRODUCT IS LIGHTER THAN WATER AND WILL FLOAT. HEATED VAPORS/FUMES MAY IGNITE.
SPECIAL FIRE FIGHTING PROCEDURES: FOAM MAY BE USED TO SUPPRESS FUMES AND VAPORS. FIRE FIGHTERS SHOULD USE NIOSH APPROVED POSITIVE AIR BREATHING APPARATUS (SCBA) IF FIGHTING FIRES IN A CONFINED SPACE. CONTAINERS EXPOSED TO EXTREME HEAT MAY RUPTURE. KEEP CONTAINERS COOL WITH WATER FOG.
COMBUSTION OR DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND HYDROCARBON COMPOUNDS MAY BE FORMED DURING COMBUSTION.

SECTION V – REACTIVITY DATA

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, VARIOUS HYDROCARBONS
INCOMPATIBILITY: STRONG OXIDIZERS
CONDITIONS TO AVOID: DO NOT WELD OR CUT ON "EMPTY DRUMS", VAPORS CAN CAUSE FIRE, EXPLOSION OR TOXIC FUMES FROM RESIDUES. DO NOT PRESSURIZE OR EXPOSE DRUMS TO HEAT OR OPEN FLAMES. KEEP CONTAINERS CLOSED AND DRUM CLOSURES IN PLACE.

SECTION VI – HEALTH HAZARD DATA

HAZARDOUS INFORMATION: HIGHLY REFINED PETROLEUM OIL AND OTHER PETROLEUM HYDROCARBONS, BY DEFINITION ARE CONSIDERED HAZARDOUS ACCORDING TO OSHA, 29 CFR 1910.1200 BECAUSE THEY CARRY THE THRESHOLD LIMIT VALUE (TLV) FOR MINERAL OIL MIST.

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SECTION VI – HEALTH HAZARD DATA (CONTINUED)

- (1) **POLYMERS:** TRACE AMOUNTS OF OLEFIN, METHACRYLATE OR ETHYLENE-PROPOLINE POLYMERS
- (2) **MULTI-FUNCTIONAL ADDITIVE:** MIXTURE OF ANTI FOAM ADDITIVES, DISPERSANTS, CORROSION INHIBITORS POUR POINT DEPRESSANTS, RUST INHIBITORS, VISCOSITY INDEX IMPROVERS, COMPOSED OF VARIOUS ORGANO-METALLIC COMPOUNDS, TYPICALLY CONTAINING ZINC DIALKYLDITHIOPHOSPHATE (CAS 6849-42-3), CALCIUM SALTS AND OTHER TRACE ELEMENTS.

ROUTES OF ENTRY: SKIN, EYES, INGESTION, INHALATION

SKIN: NOT EXPECTED TO CAUSE PROLONGED OR SIGNIFICANT SKIN IRRITATION. CAN CAUSE CHAPPING.

EYES: NOT EXPECTED TO CAUSE PROLONGED OR SIGNIFICANT EYE IRRITATION. MINIMAL HAZARD. EYES MAY BECOME RED AND TEAR. MAY EXPERIENCE HEADACHE OR NAUSEA.

INGESTION: LOW ORDER OF TOXICITY, BUT MAY CAUSE GASTROINTESTINAL NAUSEA AND GENERAL DISTRESS, DIARRHEA. INGESTION OF LARGE AMOUNTS MAY CAUSE HEADACHE, NAUSEA AND DROWSINESS.

INHALATION: HARMFUL CONCENTRATIONS OF MISTS/VAPORS ARE UNLIKELY THROUGH CUSTOMARY HANDLING OR USE OF PRODUCT.

EMERGENCY FIRST AID PROCEDURES:

SKIN: FLUSH WITH SOAP & WATER. REMOVE AND LAUNDRER CONTAMINATED CLOTHING.

EYES: FLUSH WITH WATER FOR 15 MINUTES. MAY CAUSE REDNESS OR IRRITATION.

INGESTION: GIVE PLENTY OF WATER OR MILD FLUIDS, AND CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING. IF VOMITING OCCURS, PLACE HEAD LOWER THAN HIPS, KEEP FLUID FROM ENTERING LUNGS. ASPIRATION INTO LUNGS SHOULD BE AVOIDED. **ASPIRATION HAZARD:** YES – KEEP PRODUCT FROM ENTERING LUNGS.

INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATOR AND OXYGEN.

SECTION VII – TOXIC SUBSTANCES ACT

NO DATA AVAILABLE

SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

WORK/HYGENIC PRACTICES: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT. PRODUCT ABSORBS INTO ORGANIC MATERIALS SUCH AS COTTON OR LEATHER, DESTROY SATURATED SHOES AND GLOVES.

INDUSTRIAL/WORKPLACE HYGENIC PRACTICES: THOROUGHLY WASH ALL CONTAMINATED CLOTHING BEFORE REUSE. LONG SLEEVE SHIRT RECOMMENDED. SAFETY GLASSES, FACE SHIELD, LATEX GLOVES & APRON RECOMMENDED IF CLEANING UP LARGE SPILLS. RUBBER BOOTS SHOULD BE WORN IF STANDING IN SOLUTION. LIMIT SKIN CONTACT. DESTROY SATURATED SHOES AND GLOVES.

OTHER PRECAUTIONS: **WARNING** AVOID SKIN CONTACT WITH USED MOTOR OILS. USED MOTOR OILS HAVE CAUSED CANCER IN LABORATORY ANIMALS. STORE BETWEEN 40° AND 120°F. KEEP CONTAINERS FROM FREEZING. BOTTLES MAY BECOME BRITTLE. DO NOT REUSE CONTAINERS. KEEP OUT OF REACH OF CHILDREN.

SECTION IX – CONTROL MEASURES

SPILL OR LEAK: ABSORB WITH SAND OR INERT MATERIAL, SWEEP OR SCOOP UP AND REMOVE SMALL QUANTITIES. PREVENT SPREAD OF LIQUID PRODUCT. CONTAIN WITH ABSORBENT MATERIALS. CLEAN PAVED AREAS WITH SOAP & WATER, RECYCLING OF WASH WATER IS RECOMMENDED WITH OTHER WATER BASED INDUSTRIAL FLUIDS.

SMALL SPILLS: CLEAN UP SMALL SPILLS WITH ABSORBENT MATERIAL. WASH OR MOP AREA WITH SOAP & WATER. DO NOT WASH VISIBLE LIQUID TO DRAIN.

LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES. PRODUCT WILL FLOAT ON WATER. CONTAIN LIQUID WITH ABSORBENT MATERIAL. STOP LEAK SOURCE IF SAFE. KEEP PRODUCT FROM ENTERING WATERWAYS AND SEWERS. CONTACT AUTHORITIES AS REQUIRED THAT A SPILL HAS OCCURRED. DISPOSE ABSORBENT MATERIAL ACCORDING TO ALL FEDERAL, STATE AND REGIONAL REQUIREMENTS.

SECTION X – DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HERewith.