

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Motor Oil Treatment
Product Number: HG2243, HG2243e, HG2246, HG2244(e,c,s)

Manufacturer: Revive, Global Business Group Ltd.
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SECTION 2 -- INGREDIENTS

COMPONENT NAME / CAS NUMBER	HAZARDOUS	PERCENTAGE MIN	EXPOSURE MAX	UNITS LIMIT
BASE LUBRICATING OILS CAS 64742-62-7	NO	90 - 95	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
VISCOSITY INDEX IMPROVER Hydrocarbon Polymer	NO	5 - 10	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT

THIS DOCUMENT IS PREPARED PURSUANT TO THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)
THIS PRODUCT IS NON HAZARDOUS ACCORDING TO OSHA 29 CFR 1910.1200.

SECTION 3 – PHYSICAL PROPERTIES

APPEARANCE : VISCOUS, AMBER LIQUID

ODOR : PETROLEUM ODOR

MOLECULAR WEIGHT : NO DATA

SPECIFIC GRAVITY (H₂O = 1) : 0.86

SOLUBILITY IN H₂O : INSOLUBLE IN WATER

BOILING POINT : NO DATA

VAPOR PRESSURE @ 20C / 68F: < 0 .001 MM HG

MELTING POINT : POUR POINT 5 F / -15 C

% VOLATILES BY VOLUME : NO DATA

EVAPORATION RATE : (EE=1) < 1

VAPOR DENSITY (AIR = 1) : >1

pH : NO DATA

SECTION 4 – FIRE AND EXPLOSIVE HAZARDS

FLASH POINT : 370 F / 187.8 C

FLAMMABLE LIMITS IN AIR BY % VOL.: LOWER: 1.0 UPPER: 10.0

METHOD USED : COC

AUTO IGNITION TEMP. : NO DATA

EXTINGUISHING MEDIA :

FOAM, DRY CHEMICAL OR CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES :

WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME. CAUTION SHOULD BE EXERCISED WHEN USING WATER OR FOAM AS FROTHING MAY OCCUR, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

UNUSUAL FIRE AND EXPLOSION HAZARDS : DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

SECTION 5 – REACTIVITY DATA

STABILITY : STABLE

CONDITIONS TO AVOID : NONE

INCOMPATIBILITIES : MAY REACT WITH STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION : NONE

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

SECTION 6 – HEALTH HAZARD SUMMARY

PRIMARY ROUTE OF EXPOSURE: SKIN X INHALATION EYE X

EYES : PRACTICALLY NON-IRRITATING UPON DIRECT CONTACT. BASED ON TESTING OF SIMILAR PRODUCTS AND / OR COMPONENTS.

SKIN CONTACT : AVOID SKIN CONTACT. MINIMALLY IRRITATING TO THE SKIN UPON DIRECT CONTACT. BASED ON TESTING OF SIMILAR PRODUCTS AND / OR COMPONENTS. PROLONGED OR REPEATED CONTACT MAY RESULT IN CONTACT DERMATITIS WHICH IS CHARACTERIZED BY DRYNESS, CHAPPING, AND REDDENING. THIS CONDITION MAY MAKE THE SKIN MORE SUSCEPTIBLE TO OTHER IRRITANTS, SENSITIZERS, AND DISEASE. PROLONGED OR REPEATED CONTACT MAY RESULT IN OIL ACNE.

INHALATION : NOT A PROBABLE INHALATION HAZARD. AVOID MISTING OF PRODUCT. THE PERMISSABLE EXPOSURE LIMIT (PEL) AND THRESHOLD LIMIT VALUE (TVL) FOR THIS PRODUCT AS AN OIL MIST IS 5 MG/M3. EXPOSURES BELOW 5 MG/M3 APPEAR TO BE WITHOUT SIGNIFICANT HEALTH RISK. THE SHORT TERM EXPOSURE LIMIT FOR THIS PRODUCT AS AN OIL MIST IS 10 MG/M3.

INGESTION : DO NOT INGEST. THIS PRODUCT HAS LAXATIVE PROPERTIES AND MAY RESULT IN ABDOMINAL CRAMPS AND DIARRHEA.

HEALTH DATA : PROLONGED AND REPEATED EXPOSURE TO OIL MIST MAY POSE A RISK OF PULMONARY DISEASE SUCH AS CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS OF BREATH AND COUGH ARE THE MOST COMMON SYMPTOMS. NOT CARCINOGENIC ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.

SECTION 7 – RECOMMENDED FIRST AID TREATMENT

EYES : FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES OR UNTIL IRRITATION SUBSIDES. CONSULT PHYSICIAN IF IRRITATION OR PAIN PERSISTS.

SKIN : REMOVE CONTAMINATED CLOTHING AND FLUSH WITH WATER AND MILD SOAP. IF REDNESS OR IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION : NOT CONSIDERED TO BE AN INHALATION HAZARD. IF BREATHING BECOMES DIFFICULT, REMOVE TO FRESH AIR IMMEDIATELY. SEEK MEDICAL ATTENTION.

INGESTION : DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

SECTION 8 – HEALTH PROTECTION INFORMATION

- VENTILATION : ADEQUATE VENTILATION MUST BE PROVIDED TO MAINTAIN CONCENTRATIONS BELOW THE SPECIFIED EXPOSURE OR FLAMMABLE LIMITS IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED.
- RESPIRATION PROTECTION: RESPIRATORY PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF VAPOR OR MIST IS GENERATED WHEN MATERIAL IS HEATED OR HANDLED, USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR WITH A DUST AND MIST FILTER.
- SKIN PROTECTION : NONE REQUIRED IN NORMAL USE. FOR PROLONGED OR REPEATED CONTACT, USE IMPERVIOUS CLOTHING (GLOVES, APRONS ETC.) TO COVER EXPOSED BODY PARTS.
- EYE PROTECTION : NOT REQUIRED UNDER NORMAL USE. USE SPLASH-PROOF SAFETY GLASSES OR PLASTIC FACE SHIELDS IF SPLASHING MAY OCCUR.
- OTHER : CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

SECTION 9 – ENVIRONMENTAL PROCEDURES

- SPILLS OR RELEASES : NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY ETC. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS OR OTHER MEANS AND PLACED IN DRUMS OR OTHER SUITABLE CONTAINERS.
- WASTE DISPOSAL : DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
PROCEDURES

SECTION 10 – STORAGE AND HANDLING REQUIREMENTS

- HANDLING PROCEDURES : STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, FLAME OR OXIDIZING MATERIALS. DO NOT TRANSFER TO UNMARKED CONTAINERS. USE IN WELL VENTILATED AREAS.

SECTION 11 – SHIPPING INFORMATION

DOT LABEL : NOT REGULATED

SECTION 11 – OTHER INFORMATION

THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY SARA TITLE III, SECTION 313 REPORTABLE CHEMICALS AT OR GREATER THAN 1.0% (0.1% FOR CARCINOGENS).

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY.

SARA 311 / 312 CATEGORIES

ACUTE ___ CHRONIC ___ FIRE ___ PRESSURE ___ REACTIVE ___ NOT REGULATED X

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ABBREVIATIONS:

NG – Not Given BT – Between < – Less Than > – Greater Than
ND – Not Determined N/A – Not Applicable