

Z315*Premium Water Soluble Cutting Oil MSDS
(03-10-2017)***SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****PRODUCT: PREMIUM WATER SOLUBLE CUTTING OIL****PRODUCT DESCRIPTION: WATER SOLUBLE COOLANT & METAL REMOVING LUBRICANT****PRODUCT CODE: Z315****INTENDED USE: AS METAL WORKING COOLANT MIXED WITH WATER****COMPANY IDENTIFICATION: Assawayer Trading Co. Ltd.,****P. O. Box 11309****Jubail Industrial City 31961****Kingdom of Saudi Arabia****Tel: +966-(0)13-341-2125****Fax: +966-(0)13-341-7209****E-mail: info@assawayer.com****EMERGENCY PHONE: +966 – 13 – 341 – 2125****SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

COMPONENT	CAS NUMBER	TLV/PEL (mg/m ³)	WEIGHT %
Petroleum Oil	Mixture	NE	80-90
Performance Package (emulsifiers, corrosion inhibitor, biocides, coupling agents, biocides, antifoam agents)	Mixture	NE	15-20

The specific chemical names and composition of the components not disclosed is confidential business information and is withheld as permitted by 29CFR 1910.1200 and various Right-to-Know laws. This Product is not a WHMIS Controlled Substance.

SECTION 3: HAZARD IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines. (See Section 15)

POTENTIAL HEALTH EFFECTS

Excessive exposure may result in eye, skin or respiratory irritation. Low order of toxicity. High-pressure injection under skin may cause serious damage.

NFPA Rating: Not Assessed

HMIS Rating: Not Assessed

NOTE: This material should not be used for any other purpose than the intended use listed in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks, which may vary from person to person.

SECTION 4: FIRST AID MEASURES

INHALATION: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

INGESTION: Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.

SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

SECTION 4: FIRST AID MEASURES (continued)

EYE: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

FIRST AID FACILITIES: Eye wash and normal wash room facilities.

ADVICE TO DOCTOR: Treat symptomatically.

SECTION 5: FIRE AND EXPLOSION DATA

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, water fog.
Inappropriate Extinguishing Media: Water stream may splash burning liquid and spread fire.

HAZARDS FROM COMBUSTION PRODUCTS: Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of sulphur, nitrogen, phosphorus and boron.

SPECIFIC HAZARDS: Combustible liquid. This product will readily burn under fire conditions.

PRECAUTIONS IN CONNECTION WITH FIRE: Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

FLASHPOINT: 210°C (Min.)

FLAMMABILITY: Combustible (Hydrocarbons)

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

SECTION 7: HANDLING AND STORAGE (continued)

CONDITIONS FOR SAFE STORAGE: Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidizing agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to local applicable standards. The storage and handling of flammable and combustible liquids. Reference should also be made to all local and national regulations.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure limits/standards for materials that can be formed when handling this product: When mists/aerosols can occur, the following are recommended: 5 mg/m³ – ACGIH TLV, 10mg/m³ – ACGIH STEL, 5 mg/m³ – OSHA PEL

ENGINEERING CONTROLS

The level of protection and types of control necessary will vary depending upon potential exposure conditions. Under normal conditions, no special control required when used in a well-ventilated area with local exhaust ventilation.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection: None required in normal use. Use only NIOSH/MSHA Organic vapor approved equipment if necessary.

Hand Protection: Chemical resistant gloves are recommended. No protection is required in normal use.

Eye Protection: Goggles or safety glasses with side shields are recommended.

Skin and Body Protection: Chemical / oil resistant clothing if contact with material is likely. NO skin protection is ordinarily required under normal conditions of use.

Special Hygiene Measures: Practice good personal hygiene. Wash hands after use and handling.

ENVIRONMENTAL CONTROLS

See Section 6, 7, 12, 13.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Physical State: Liquid

Color: Amber to Brown

Odor: Slight petroleum odor

Specific Gravity (at 60°F / water = 1): 0.875

Melting Point: NE

Boiling Point: NE

Flashpoint (Cleveland Open Cup): 210 °C

Autoignition Temperature: NE

Evaporation Rate: Negligible

Vapor Pressure, mmHg at 25C: NE

Solubility In Water: Soluble

Stability: Stable under normal conditions

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures

CONDITIONS TO AVOID: Excessive heat. Sources of ignition.

MATERIALS TO AVOID: Strong oxidizing agents, such as chlorates, nitrates, peroxides.

Hazardous Decomposition Products: Does not decompose at ambient temperatures. Decomposition may result in the release of carbon monoxide, carbon dioxide, oxides of sulphur, nitrogen, phosphorus and boron.

Hazardous Polymerization: Does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Product or Ingredients:

No data is specifically available for this product and therefore this toxicological information is based on data available for the ingredients.

Routes of Exposure:

Exposure will most likely occur through skin contact or form inhalation of mechanically or thermally generated oil mists.

Skin and Eye:

This product is not a primary skin irritant after exposure of short duration is not a skin sensitizer and is not irritating to the eyes. .

CHRONIC/OTHER EFFECTS

Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis. Long term intensive exposure to oil mist may cause benign lung fibrosis.

The following ingredients are cited on the lists below: None

NTP CARC, NTP SUS, IARC 1, IARC 2A, IARC 2B, OSHA CARC

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by OSHA Hazard Communication Standard 29CFR 1910.1200, IARC, or the National Toxicology Program (NTP) at a concentration greater than 0.1%.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Material – Not expected to be harmful to aquatic organisms.

MOBILITY

Base oil component – Low solubility and float and is expected to migrate from water to the land.

Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY

Biodegradation: NE

SECTION 13: DISPOSAL INFORMATION

Disposal recommendations based on material as supplied. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state, and federal regulations.

DISPOSAL RECOMMENDATIONS

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

REGULATORY DISPOSAL INFORMATION

To the best of Assawayer Trading Co. Ltd., knowledge, this product is not regulated by CERCLA/RCRA as a hazardous waste or material. However, this product has not been tested for the toxicity characteristic via the Toxicity Characteristic Leaching Procedure.

Empty Container Warning: Do not attempt to refill or clean containers since residue is difficult to remove. Empty drums should be completely drained, properly bunged and returned to a drum re-conditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 14: TRANSPORT INFORMATION

LAND-DOT: Not Regulated for Land Transportation

LAND-TDG: Not Regulated for Land Transportation

SEA-IMDG: Not Regulated for Sea Transport

AIR-IATA: Not Regulated for Air Transport

ICAO: Not Regulated for Air Transport

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

WHMIS: Not a controlled product

Chemical Inventory Listing: TSCA, CEPA

EPCRA: This material contains no extremely hazardous substances.

SARA (311/312) Reportable Hazard Categories: None

SARA (313) Toxic Release Inventory: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program

TSCA: This material is in compliance with the Toxic Substances Control Act (15USC2601-2629)

CEPA: All components of this product are either on the Domestic Substance List (DSL) or are exempted.

SECTION 16: OTHER INFORMATION

NE = Not Established, ND = Not Determined, NA = Not Applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

No Revision information is available.

Revision Date: 03 October 2017 (New)

Supersedes: Any previous versions

Assawayer Trading Co. Ltd., believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof.

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