MATERIAL SAFETY DATA SHEET

Product Code: **B090007** **MERCURY WM 311**

SECTION 1: MANUFACTURER IDENTIFICATION

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	X

Manufacturer's Name: Day International Chemical Products Div.
Address: 130 West Second Street, Suite 1700
Dayton, Ohio 45402

Emergency Phone: 800-424-9300 CHEMTREC®
Name of Preparer: Day Chemical Prod. Div

Information Phone: 800-336-8276
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SECTION 2: HAZARDOUS INGREDIENTS / SARA III INFORMATION

Component	CAS Number	Vapor mm Hg	Pressure @ Temp	Weight Percent
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH® TLV®: N/E, Mfg.: 100ppm	64742-47-8	2.8	68°F	45.8%
Petroleum Naphtha OSHA PEL: N/E, ACGIH® TLV®: N/E, Mfg.:100mg/m3 (19 ppm)	64742-95-6	2.7	68°F	35.7%
* 1,2,4-Trimethyl Benzene OSHA PEL: N/E: ACGIH TWA 25 PPM (1,2,4 trimethyl benzene is a component of petroleum naphtha 64742-95-6)	95-63-6			13.5%
* Xylenes (hazardous air pollutant) OSHA PEL: 100 PPM; ACGIH:TWA 100 PPM & STEL 150 PPM. (Xylene is a component of petroleum naphtha 64742-95-6.)	1330-20-7			1.6%
* Cumene (hazardous air pollutant) OSHA PEL & ACGIH: TWA 50 PPM. (Cumene is a component of petroleum naphtha 64742-95-6)	98-82-8			1%

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372.
All ingredients are listed on the EPA TSCA Inventory

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE / POINT:	315 F - 338 F
VAPOR DENSITY:	Heavier than air.
EVAPORATION RATE:	Slower than n-Butyl Acetate.
V.O.C. (EPA METHOD 24) lb/gl:	6.7
VAPOR PRESSURE (MM HG @20 C):	2.7
SOLUBILITY IN WATER:	Emulsible
APPEARANCE AND ODOR:	Clear Liquid - Petroleum Odor
SPECIFIC GRAVITY (H20=1):	0.86

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	104°F
METHOD USED:	TAG CC
FLAMMABLE LIMITS IN AIR BY VOLUME:	
LOWER:	1.0%
UPPER:	6.5%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as Petroleum Fire.

SECTION 5: REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6: HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing high concentrations of vapors will cause irritation of the nose and throat. Signs of central nervous system depression such as headache, drowsiness, dizziness and nausea may be experienced with overexposure.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause moderate to severe irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous systems. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration of product into the lungs can cause chemical pneumonitis.

CARCINOGENICITY NTP CARCINOGEN:	No
IARC CARCINOGEN:	No
OSHA CARCINOGEN:	No

MEDICAL CONDITIONS GENERALY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. SKIN: Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. EYES: Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. INGESTION: DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASES OR SPILLED:

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product as supplied, becomes a waste it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Suitable methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

OTHER PRECAUTIONS / DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), Hazard Class: Combustible Liquid, ID No.: NA1993, Packing Group: III. Non-bulk packagings not regulated as per 49CFR 173.150 (f)(2). Product is classified as an OSHA Class II Combustible Liquid.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION:

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentr ation, use a respirator with appropriate organic vapor cartridge (NIOSH appr oved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Avoid prolonged or repeated skin contact. Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9: DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of the manufacturer, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.