



MATERIAL SAFETY DATA SHEET

ARTIC FLO

SECTION 1: IDENTIFICATION

Product Name:	Artic Flo
Product Code:	D20
Manufacturer's Name:	E-ZOIL Products, Inc.
Address:	234 Fillmore Avenue, Tonawanda, NY 14150 USA
Emergency Phone:	800-633-8253 PERS
Business Phone:	855-693-9645

SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Combustible liquid and vapor. Harmful if inhaled, absorbed through skin, or swallowed. Causes skin and eye irritation.

NFPA RATING: HEALTH: 2; FIRE: 2; REACTIVITY: 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER
Solvent Naphtha, Petroleum, Light Aromatic	64742-95-6
1, 2, 4 – Trimethylbenzene	95-63-6
1, 3, 5 – Trimethylbenzene	108-67-8
Xylene	1330-20-7
Trimethylbenzene	25551-13-7
Cumene	98-82-8
Ethylbenzene	100-41-4
Vinyl acetate monomer	108-05-4

SECTION 4: FIRST AID MEASURES

Individuals contaminated by this product must be taken for medical attention if any adverse effects occur. Rescuers should be taken for medical attention if any adverse effects occur. Medical professionals must be provided with the product label and MSDS.

SKIN EXPOSURE: If this product contaminates the skin, begin decontamination by flushing immediately with soap and water. Flush exposed areas for a minimum of 15 minutes. Remove exposed or contaminated clothing. Seek medical attention immediately.

EYE EXPOSURE: If this product enters the eyes, open contaminated individual's eyes while under gently running water. Use sufficient force to open eyelids. Have contaminated individual "roll" eyes. Flush eyes for a minimum of 15 minutes. Seek medical attention immediately.

INHALATION: If vapors or mists generated by this product are inhaled, remove contaminated individual to fresh air. If breathing is difficult, give oxygen. Seek medical attention immediately.

INGESTION: Seek medical attention immediately. Do not induce vomiting unless directed to do so by qualified medical personnel. Never give anything by mouth to an unconscious person.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid and vapor. Above the flash point, explosive vapor-air mixtures may be formed.

SPECIAL FIRE-FIGHTING PROCEDURES: Firefighters should wear a self-contained, pressure-demand breathing apparatus, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Product can release vapors that form explosive mixtures at temperatures above the flashpoint. Vapors may explode if ignited in a confined area. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated. Use water spray to keep fire-exposed containers cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Uncontrolled releases should be responded to by appropriately trained personnel using preplanned procedures. Remove all sources of ignition. Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate protective equipment (see Section 8, Exposure Control/Personal Protection).

SPILLS: Contain and absorb spills with non-combustible, inert absorbent material. Place absorbent material into a container. Dispose of container in accordance with U.S. federal, state, and local hazardous waste disposal regulations or those of Canada (see Section 13, Disposal Considerations).

ENVIRONMENTAL PRECAUTIONS: U.S. Regulations (CERCLA) requires reporting spills and releases into the environment in excess of reportable quantities. Prevent entry into sewers, basements or confined areas, dike if needed.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: All employees who handle this product should be trained to handle it safely. Avoid direct skin contact, inhalation, or ingestion. Wash thoroughly after handling this product. Do not eat, drink, or smoke while handling this product. Wear appropriate protective equipment (see Section 8, Exposure Control/Personal Protection).

STORAGE AND HANDLING PRACTICES: Store containers in a cool, dry location away from direct sunlight at temperatures between 39°F - 120°F. Keep container tightly closed when not in use. Observe all warnings and precautions listed for this product. Storage areas of this product should be clearly identified, well-illuminated, clear of obstruction and accessible only to trained and authorized personnel. Open containers slowly on a stable surface. Empty drums should be completely drained (triple rinsed), properly bunged, and promptly returned to a drum reconditioner, or disposed of properly.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Use safety glasses or chemical splash goggles when handling this product. If necessary, refer to U.S. OSHA 29 CFR 1910.133, or appropriate Canadian regulations.

HAND PROTECTION: Use chemically-resistant gloves when handling this product. Maintain eye wash fountain and quick drench facilities in work area. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Canadian regulations.

BODY PROTECTION: Use body protection appropriate for the task (e.g. lab coat, overalls, and boots).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Clear color
Odor: Mild odor
Specific Gravity: 0.88
Solubility in Water: Negligible
Flash Point: 115°F (46°C)
Boiling Point 300 - 355°F
Vapor Pressure (mmHg) 10.3 @ 100°F

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

REACTIVITY: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Keep away from heat sources, open flames and other sources of ignition. Ensure adequate ventilation, especially in confined areas.

INCOMPATIBLE MATERIALS: See Section 7, Handling and Storage for further information.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

SKIN CONTACT: Harmful if in contact with skin. Causes skin irritation.

INHALATION: Harmful if inhaled. May cause respiratory irritation.

EYE CONTACT: Causes serious eye irritation.

INGESTION: Harmful if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.

DANGERS TO THE ENVIRONMENT: This material is not expected to be harmful to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL OF SUBSTANCE: This material must be disposed of in accordance with applicable U.S. federal, state, and local hazardous waste regulations or those of Canada.

CONTAINER DISPOSAL: Empty containers may contain residue. Do not cut, weld, drill or grind on or near container. Dispose of container in accordance with U.S. federal, state, and local hazardous waste disposal regulations or those of Canada.

SECTION 14: TRANSPORT INFORMATION

FOR QUANTITIES OF 450 LITERS (119 GALLONS) OR MORE:

UN NUMBER: NA 1993

SHIPPING NAME: Combustible liquid, n.o.s. (Contains solvent naphtha, petroleum, light aromatic)

CLASS: Combustible

PACKING GROUP: III

FOR QUANTITIES LESS THAN 450 LITERS (119 GALLONS):

Not regulated

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

OSHA: All listed ingredients are classified as hazardous under OSHA regulations (29 CFR 1910.1200).

SARA 311-312 HAZARD CLASSIFICATION(S): Immediate (Acute) health hazard; Delayed (Chronic) health hazard; Fire hazard.

INTERNATIONAL REGULATIONS:

WHMIS (CANADA) STATUS: Controlled

WHMIS (CANADA) HAZARD CLASSIFICATION: B/3, D/1/A, D/2/B

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

SECTION 16: OTHER INFORMATION

Prepared by:

E-ZOIL Products, Inc.

Date of Preparation:

January 1, 2012

Date of Last Revision:

January 1, 2015

SECTION 17: MISCELLANEOUS

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