

331 WLX CANMIST (M2)

Safety Data Sheet

AMCOL Corporation

File: PS02.331WLX(M2).SDS (R2)

Last Updated: 6/15/2021

Media Location: AA-0009

Status: Approved for Use

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: 331 WLX CANMIST (M2)

Product Use: Precision Applied Metal Cutting Oil

Manufacturer: AMCOL Corporation
21435 Dequindre
Hazel Park, MI 48030 USA

In Chemical Emergency: (800) 424-9300 CHEMTREC
(703) 527-3887 Outside USA

Additional Product Information: (248) 414-5700

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: Eye Irritation, Category 2B; Skin Irritation, Category 3

Signal Word: Warning

Health Hazard Statements:

H303: May be harmful if swallowed.

H316+H320: May cause skin and eye irritation.

Pictograms:



Prevention Precautionary Statements:

P260: Do not breathe fumes created as a result of heating or burning.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash thoroughly after handling.

P280: Wear protective gloves and eye protection.

P284: In case of inadequate ventilation, wear respiratory protection.

Response Precautionary Statements:

P305+P351+P338+P314: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

P302+P352+P332+P313: IF ON SKIN: Wash with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.

P301+P330+P331: IF SWALLOWED: Rinse Mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Other Hazards: Product may cause a slip hazard on the floor. Avoid contact with nitrites and nitrosating agents as this may result in the formation of nitrosamines. See Section 10.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Component Name	% (w/w)
Trade Secret	Complex mixture of organic alcohols, esters, alkanolamides and other compounds	> 99
111-42-2	N,N-Diethanolamine	< 0.5

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SECTION 4: FIRST AID MEASURES

Eye Contact: Do not rub eyes; immediately flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial one to two minutes. Continue flushing eyes with copious amounts of water for at least 30 minutes, holding eyelids apart and away from eyeball. Contact physician.

Skin Contact: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing while washing. Wash clothing and shoes thoroughly before reuse. Discard items which cannot be decontaminated. Shower at earliest convenience. Seek medical attention if irritation develops or persists.

Inhalation: Remove person to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel. If breathing has stopped, administer artificial respiration and seek medical attention immediately.

Ingestion: If person is conscious, rinse mouth with water. Do not induce vomiting. Consult physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

Fire Fighting Instructions: Treat as an oil fire. Immediately evacuate the area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Flashpoint: >93 deg C (200 deg F)

Method: TCC

Flammability Limits: Not established

Autoignition Temperature: Not determined

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide to extinguish flames. Do not use water stream as this may spread the fire.

Hazardous Combustion Products: In the event of a fire, this product may form oxides of carbon (including formaldehyde) and nitrogen.

SECTION 6: ACCIDENTAL SPILL/RELEASE MEASURES

Personal Precautions: Wear appropriate eye, skin and respiratory protective equipment. For additional information, refer to Section 8: Exposure Controls and Personal Protection.

Environmental Precautions: Prevent from entering into drains, soil, ditches, sewers, waterways, and/or ground water.

Methods for Containment and Clean-up: Dike area to contain spill. Pump into suitable and properly labeled containers. Recover spilled material if possible. Contain and collect spillage with non-combustible absorbent material such as sand, earth, diatomaceous earth, vermiculite and place in container for disposal according to federal, state, and local regulations. Use personal protection as recommended in Section 8.

SECTION 7: HANDLING AND STORAGE

General Handling: Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist. Do not taste or swallow. Wash thoroughly after handling. Precautions should be taken to avoid electro static accumulation or discharge. See personal protection notes in Section 8.

Storage: Keep containers closed when not in use. Avoid extreme temperatures. Mix well before using. Store away from incompatible materials (see Section 10) in a dry, well ventilated area. Do not store in unlabeled containers. For best results, use this product within twelve months of the date completed (see container label for this information).

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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:

Component Name	CAS #	ACGIH TWA	ACGIH STEL	OSHA Z-1 PEL
N,N-Diethanolamine	111-42-2	1 mg/m3	-	-

Engineering Controls: Local exhaust or ventilation is a preferred means of controlling exposure to dust and fumes. The need for localized exhaust ventilation should be determined by a professional industrial hygienist and, if required, designed and implemented by a professional engineer.

Respiratory Protection: With proper ventilation, respiratory protection may not be needed. However, if handling at elevated temperatures without sufficient ventilation, use a NIOSH approved organic vapor high efficiency respirator.

Protective Equipment: For systems where contact is at a minimum, wear chemical resistant gloves (nitrile or neoprene) and safety glasses with side shields (full face shield where inadvertent exposure is likely). When prolonged or frequently repeated contact could occur, use protective clothing such as chemical resistant boots and aprons.

Additional Protective Measures: Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid at 25 deg C	Melting Point:	Not established
Appearance:	Clear yellow liquid	Boiling Point:	Not established
Odor:	Bland	Odor Threshold:	Not established
Flashpoint:	>93 deg C (200 deg F)	Autoignition Temp.:	Not established
Flammability Limits:	Not established	Decomposition Temp.:	Not established
Relative Density:	0.90-1.00	Partition Coefficient:	Not established
Solubility (in water):	Dispersable	Viscosity:	100-150 centipoise at 25 deg C
pH:	Not established	Vapor Density:	Not established
Evaporation Rate:	Not established	Vapor Pressure:	Not established

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions to avoid: Avoid contact with nitrites and nitrosating agents (forms nitrosamines), strong oxidizing agents, strong acids and strong bases. Avoid heat, sparks and open flames.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Not expected to decompose at room temperature. In the event of a fire, this product may form oxides of carbon (including formaldehyde) and nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: No specific health effects are known to occur with this material or its components. Excessive inhalation of vapors or mist could cause shortness of breath.

Sensitization: No specific test data is available.

Repeated Dose: In animals, diethanolamine has been reported to cause damage to kidney, liver, nervous system and blood.

Chronic Toxicity: Repeated exposure to alkanolamines causes kidney and liver damage in animals.

Chronic Carcinogenicity: Diethanolamine has been reported to cause kidney tumors in mice (not rats) by ACGIH. Studies have indicated no

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relevance to humans.

Reproductive and Developmental Toxicity: This product is not known to be a reproductive or developmental hazard. However, it is generally recommended that pregnant women should avoid contact with this product and all industrial chemicals.

SECTION 12: ECOLOGICAL INFORMATION

General: No ecological information is known for this product. Data involving product components would indicate a low bioaccumulation potential; however the potential for mobility is high. This product may be toxic to wildlife, domestic animals, and aquatic life/organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste disposal should be in accordance with federal, state, and local environmental control laws. Do not dump into any sewers, on the ground, or into any body of water.

Packaging Disposal: Recondition or dispose of empty container in accordance with governmental regulations. Empty containers retain product residue. Observe all hazard precautions.

SECTION 14: TRANSPORT INFORMATION

Shipping Information:

DOT Non-bulk and Bulk: Not regulated, Freight Class 65

IMDG: Not regulated.

ICAO/IATA: Not regulated.

SECTION 15: REGULATORY INFORMATION

Inventory Status:

Australia: All components are listed on the Australian Inventory of Chemical Substances (AICS).

Canada: All components are listed on the Domestic Substances List (DSL). None of the components are listed on the Non-Domestic Substances List (NDSL).

China: All components are listed on the Inventory of Existing Chemical Substances in China (IECSC).

European Union: All components are listed on the European Inventory of New and Existing Chemicals (EINECS). None of the components are listed on the European List of Notified Chemical Substances (ELINCS). All components are registered or pre-registered for Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

Japan: All components are listed on the Inventory of Existing and New Chemical Substances (ENCS).

United States: All components are listed on the Toxic Substances Control Act (TSCA) Inventory.

SARA Title III:

311/312 – This product should be inventoried as follows:

Immediate (Acute) – Yes

Delayed (Chronic) – Yes

Fire – No

Reactive Hazard – No

Sudden Release of Pressure - No

313 - This product contains N,N-Diethanolamine (<0.5%), which is subject to the reporting requirements of under SARA Title III, Section 313.

State Regulatory Information: No information found.

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SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 2 Fire: 1 Reactivity: 0 **Special Precautions:** None

Prepared by: John Heikkila

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