

THE ANDERSONS SAFETY DATA SHEET

DATE PREPARED: 09/13/22

CURRENT AS OF: 9/13/22

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10002454, 10001604, 10001603

PRODUCT NAME: MICROCARB

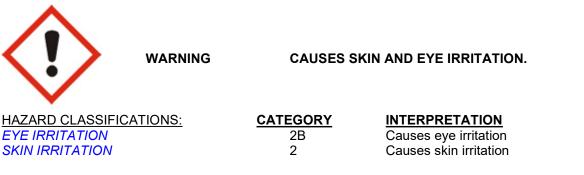
PRODUCT USE: Fertilizer

MFR INFO: The Andersons, Inc. PO Box 119 Maumee, OH 43537

> FOR EMERGENCY: (800) 757-8951 FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



PRECAUTIONARY STATEMENTS:

- WEAR PROTECTIVE GLOVES AND CLOTHING
- REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE
- AVOID BREATHING VAPORS/MISTS.
- IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF UNWELL
- USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA
- CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL
- WASH THOROUGHLY AFTER HANDLING
- DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

- IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION
- IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES
- IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION

CHEMICAL IDENTITY	<u>SYNONYM</u>	CAS NUMBER	CONCENTRATION (%)
Liquid fertilizer blend		Mixture	100.0

The specific chemical identity and exact percentage of composition has been withheld as a trade secret and complies with requirements set forth in 29CFR 1910.1200(i) Trade Secrets.

SECTION 4: FIRST AID MEASURES				
IF INHALED:	Move	to fresh air and keep comfortable, seek medical attention if unwell.		
IF ON SKIN:		Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.		
IF IN THE EYES:	Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing. Seek medical attention if irritation persists			
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell.			
SPECIAL TREATMENT:	None known			
HEALTH HAZARDS:	See Section 11			
SECTION 5: FIREFIGHTING	S MEASI	URES		
EXTINGUISHING MEDIA:		Use media suitable for surrounding fire. No special media required.		
SPECIFIC FIRE HAZARDS:		When heated to decomposition, this product will emit toxic oxides/fumes.		
SPECIAL FIREFIGHTING PROCEDURES:		RES: Wear full protective clothing and positive-pressure self- contained breathing apparatus (SCBA).		
SECTION 6: ACCIDENTAL	RELEAS	SE MEASURES		
SPILL / RELEASE PROCEDURES: Contain material and place in containers for use as in according to Federal, State and Local regulations.		Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.		
ENVIRONMENTAL PRECAUT	IONS:	ONS: Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.		
PROTECTIVE EQUIPMENT:		Wear PPE according to Section 8		

SECTION 7: HANDLING AND STORAGE

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing mists/vapors. Not intended for human consumption. Do not store with food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. Currently, the other constituents have no known exposure limits.

HAZARDOUS COMPONENT

OSHA PEL

ACGIH TLV

Manganese Compounds

MICROCARB

PERSONAL PR	OTECTIVE EQUIPMENT	/ PROTECTION N	MEASURES /	CONTROLS:

RESPIRATORY PROTECTION:	NIOSH approved respirator, if required
EYE PROTECTION:	Safety glasses with sideshields, goggles, or faceshield
SKIN PROTECTION:	Appropriate for the task. Impervious and compatible with material
VENTILATION:	Use with adequate ventilation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Solution
pH:	Not available
MELTING POINT:	Not applicable
BOILING POINT:	Not available
FLASH POINT:	Not flammable
EVAPORATION RATE:	Not available
FLAMMABLE LIMITS:	Not applicable
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	Not available
SPECIFIC GRAVITY:	Not available
SOLUBILITY (IN WATER):	Soluble
PARTITION COEFFICIENT:	Not available
AUTOIGNITION TEMP:	Not available
DECOMPOSITION TEMP:	Not available
ODOR THRESHOLD:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Product is stable.

CONDITIONS TO AVOID: Heat

INCOMPATIBILITY: Strong acids, bases and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides/fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Causes eye and skin irritation.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

TOXICITY RANGE: No data available

SECTION 12: ECOLOGICAL INFORMATION

Long term degradation products may arise. Products of degradation are not expected to be hazardous.

SECTION 13: DISPOSAL CONSIDERATIONS

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA 311/312:	ACUTE
SARA 313:	Manganese Compounds Zinc Compounds
REPORTABLE QUANTITY:	Zinc Compounds (No RQ) Manganese Compounds (No RQ)
RIGHT-TO-KNOW:	Zinc Compounds (CA, IL, MA, NJ, PA) Manganese Compounds (CA, MA, MN, NJ, PA)

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0
HMIS RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0

PREPARED BY: DBA EHS Consulting

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