



Safety Data Sheet

Nutra Builder 2-10-22 w/Mg

SDS Number: 650 Revision: December 5, 2022


Section 1 · IDENTIFICATION

Product Name Nutra Builder 2-10-22 w/Mg
Other Identification Mixture of dry fertilizer with micronutrients
Recommended Use Agricultural Industry – Fertilizer use
Manufacturer
Company Name Custom Ag Formulators
Address 3430 S Willow Ave
Fresno, CA 93725
Telephone (800) 355-4457
Website
Emergency Contacts Custom Ag Formulators, Inc. (800) 355-4457

Section 2 · HAZARD(S) IDENTIFICATION

Hazard Categories Acute Toxicity (Oral) – Category 4
Irritation (Eye) – Category 2A

Signal Word WARNING

Pictograms 

Hazard Statement **H302** – Harmful if swallowed
H318 – Causes serious eye damage

Precautionary Statement **P280** – Wear protective gloves / protective clothing / eye protection / face protection
P270 – Do not eat, drink or smoke when using this product
P264 – Wash face, hands, and any exposed skin thoroughly after handling

Response **P305 + P351 + P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 – Immediately call POISON CENTER or doctor / physician
P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.



P330 – Rinse Mouth

P391 – Collect Spillage

Disposal

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

Storage

Store locked up

Section 3 · COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

<i>Chemical Name</i>	<i>Common Name & Synonyms</i>	<i>CAS Number</i>	<i>%</i>
Potassium Sulfate	N/A	7778-80-5	Proprietary
Potassium Nitrate	N/A	7757-79-1	Proprietary
Monopotassium Phosphate	N/A	7778-77-0	Proprietary
EDTA Disodium Copper salt	N/A	14025-15-1	Proprietary
Sodium tetraborate pentahydrate	N/A	12179-04-3	Proprietary
Sodium Molybdate, Dihydrate	N/A	10102-40-6	Proprietary
Magnesium Sulfate	N/A	10034-99-8	Proprietary
Diethylenetriaminopentaacetic acid,ferric disodium salt	N/A	12389-75-2	Proprietary

Section 4 · FIRST-AID MEASURES

Symptoms & Effects

Acute: Eye contact may cause eye irritation. Repeated or prolonged skin contact may cause skin irritation. Ingestion may irritate the gastrointestinal tract.

Chronic: No known chronic issues

Inhalation

Remove victim from exposure to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. DO NOT USE MOUTH TO MOUTH METHOD. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Seek medical attention immediately

Skin Contact

Immediately flush with large quantities of water. Remove contaminated clothing under a safety shower. Continue rinsing. Obtain medical attention if irritation occurs.

Eye Contact

Immediately flush with large quantities of water for 15 minutes. Hold eyelids apart during irrigation to ensure thorough flushing of the entire area of the eye and lids. Take victim to an ophthalmologist.

Swallowed

If victim is conscious, give 2 to 4 glasses of water and induce vomiting. Obtain medical attention



General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Treat symptomatically based on judgement of doctor and individual reactions of patient.
Medical Conditions Aggravated by Exposure	N/A

Section 5 • FIRE-FIGHTING MEASURES

General Measures	Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk
Flammability Conditions	(See Section 9 for additional flammable properties)
Extinguishing Media	Not flammable, use media suitable for combustibles involved in fire.
Fire and explosion hazard	Heating (flames) of closed or sealed containers may cause violent rupture of container due to thermal expansion of compressed gases.
Personnel protective equipment	Firefighters should wear a positive-pressure self-container breathing apparatus (SCBA) and protective firefighting clothing

Section 6 • ACCIDENTAL RELEASE MEASURES

General Response Procedure	Use personal protective equipment specified in Section 8. Isolate the hazard area and deny entry to unnecessary, untrained and unprotected personnel.
Clean up Procedures	
<i>Large Spills</i>	Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
<i>Small Spills</i>	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Disposed of via a licensed waste disposal contractor.



Containment

Environmental precautions

Evacuation Criteria

Isolate spill if safe to do so

Personnel Precautionary Measures

Keep out of "waters of the United States" because of potential aquatic toxicity.

Evacuate all unnecessary personnel

Personnel involved in the clean-up should wear full protective clothing as listed in section 8

Section 7 • HANDLING & STORAGE

Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Use appropriate personal protection equipment (PPE). Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, and spray. Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Do not store combustibles in the area of storage vessels. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up.

Section 8 • EXPOSURE CONTROLS/PERSONAL PROTECTION

General

Exposure Pattern

DNEL (Workers)

DNEL (General Population)

Exposure Limits

No Data Available

Biological Limits

No information available on biological limit values for this product.

Engineering Measures

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into general work



area. Adequate ventilation should be provided so that exposure limits are not exceeded.

Personal protective equipment (PPE)

<i>Eye/face protection</i>	Wear safety glasses with side shields (or goggles) and a full-face shield where splashing or dust is possible (AS1336/1337).
<i>Skin protection</i>	Neoprene rubber gloves and apron should be worn to prevent repeated or prolonged contact with the liquid. Long-sleeved protective clothing and safety footwear (AS3765/2210).
<i>Hand protection</i>	Wear appropriate chemical resistant impervious gloves (AS2161).
<i>Respiratory protection</i>	If conditions exist where mist/dust/vapors may be generated and engineering controls are inadequate, a NIOSH/MSHA approved mist respirator should be worn (AS1715/1716).
<i>Thermal hazards</i>	Wear appropriate thermal protective clothing, when necessary.

Work Hygienic Practices

Ensure eyewash and safety shower facilities are available. Do not eat, drink or smoke in work areas. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory, and at the end of the work period. Remove contaminated clothing and protective equipment before entering eating areas. Wash contaminated clothing before reuse.

Section 9 · PHYSICAL & CHEMICAL PROPERTIES

Appearance	Tan Powder
Odor	N/A
Odor threshold	N/A
pH	6-6.5 (5%)
Melting point	>500 °C
Freezing point	N/A
Initial boiling point and boiling range	N/A
Flash point	N/A
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper/lower flammability or explosive limits	
<i>Flammability limit - lower (%)</i>	N/A
<i>Flammability limit - upper (%)</i>	N/A
Explosive limit - lower (%)	N/A
Explosive limit - upper (%)	N/A
Vapor density	N/A
Bulk density	N/A
Density	N/A
Specific gravity	N/A
Solubility(ies)	Complete
Partition coefficient (n-octanol/water)	N/A
Auto-ignition temperature	N/A
Potential for Dust Explosion	N/A
Decomposition temperature	>500 °C
Viscosity	N/A

Section 10 • *STABILITY & REACTIVITY*

Reactivity	Avoid interaction with heat (flames), oxidizers or acids
Chemical stability	This is a stable product under normal (ambient) temperature and pressure conditions.
Possibility of hazardous reactions	None Known
Conditions to avoid	Direct sunlight. Extremely high or low temperatures. Sources of ignition. Incompatible materials. Avoid contamination by any source.
Incompatible materials	This product is not compatible with lead or mercury or their alloys. These materials of construction should not be used in handling systems or storage containers for this product.
Hazardous decomposition products	Under normal conditions, hazardous decomposition should not be produced.

Section 11 • *TOXICOLOGICAL INFORMATION*

General Information:

Oral: Rat 8050 mg/kg estimated

Eye Irritant	Risk of serious eye damage. Causes irritation, redness, pain. pH 4 (5%)
Ingestion	Harmful if swallowed. Causes irritation to the gastrointestinal tract.
Inhalation	Prolonged inhalation may be harmful. May cause damage to organs through prolonged repeated exposure.
Skin corrosion/irritation	Can cause itching, redness, and pain.
Carcinogen Category	Not listed in NTP, IARC or by OSHA.

Section 12 • *ECOLOGICAL INFORMATION*

Ecotoxicity	Not determined.
Persistence & Degradability	Not determined.



Bioaccumulative Potential	This product is not bioaccumulative.
Mobility in Soil	Not determined.
Other Adverse Effects	Not determined

Section 13 • **DISPOSAL CONSIDERATION**

Disposal instructions	Consult federal, state and local regulations for disposal requirements.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 • **TRANSPORT INFORMATION**

General	Not DOT regulated in domestic (USA ground) transportation.
DOT - Basic shipping requirements:	
<i>UN number</i>	Not regulated for transport
<i>DOT Label</i>	Not regulated for transport
<i>Proper shipping name</i>	Not regulated for transport
<i>Hazard class</i>	Not regulated for transport
<i>Packing group</i>	Not regulated for transport
IMGD - Basic shipping requirements:	
<i>UN number</i>	Not regulated for transport
<i>IMGD Label</i>	Not regulated for transport
<i>Proper shipping name</i>	Not regulated for transport
<i>Hazard class</i>	Not regulated for transport
<i>Packing group</i>	Not regulated for transport
<i>EMS NO</i>	Not regulated for transport
IATA - Basic shipping requirements:	
<i>UN number</i>	Not regulated for transport
<i>Proper shipping name</i>	Not regulated for transport
<i>Hazard class</i>	Not regulated for transport
<i>Packing group</i>	Not regulated for transport
<i>OCAP</i>	Not regulated for transport
Environmental hazards	
<i>Marine pollutant</i>	N/A
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

Section 15 • **REGULATORY INFORMATION**



US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.	
Proposition 65 (CA)	Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated	
CERCLA Hazardous Substance List (40 CFR 302.4)		
	<i>Reportable Quantity</i>	Not applicable
SARA 304 Emergency release notification	Not regulated	
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed	
Superfund Amendments and Reauthorization Act of 1986 (SARA)		
	<i>Hazard categories</i>	
	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
SARA 302 Extremely hazardous substance	Not listed	
SARA 311/312 Hazardous chemical	Immediate (acute)	
	Fire	No
	Sudden Release	No
	Reactivity	No
	Delayed Chronic	No

Section 16 • OTHER INFORMATION

Issue date	December 5, 2018
Disclaimer	The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.