

Safety Data Sheet Front Row Ag Clean Up

PRODUCT & COMPANY IDENTIFICATION

Product Name: Clean Up

Synonyms/Generic Names: Water Treatment

Product Number: 37228

Product Use: Industrial, manufacturing or laboratory use.

Manufactured For: Front Row Ag
Warfordsburg, PA

For Detailed Information: 844-420-NUTE (6883)
Monday – Friday 9:00 a.m. to 5:00 p.m. EST.

24-Hour Emergency: INFOTRAC® at 800-535-5053 #101672
Available 7 days a week

HAZARDS IDENTIFICATION

OSHA Hazards: Oxidizer, harmful by ingestion; corrosive

Target Organs: None

Signal Words: Danger

Pictograms:



GHS Classification:

Oxidizing Solids: Category 2

Acute Toxicity, Oral: Category 4

Skin Corrosion Category: 1B

Serious Eye Damage: Category 1

Acute Aquatic Toxicity: Category 1

GHS Label Elements (Including precautionary statements):

Hazard Pictograms:



Hazard Statements:

Prevention H272 May intensify fire, oxidizer.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.

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Precautionary Statements:

P220 Keep/store away from clothing/combustible materials.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, face protection, and eye protection.
P305 + P351 + P338 If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and able to remove. Continue rinsing.
P310 Immediately call a POISON CONTROL CENTER or DOCTOR.

Potential Health Effects

Eyes:

Causes eye burns.

Inhalation:

May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin:

Harmful if absorbed through skin. Causes skin burns.

Ingestion:

Harmful if swallowed.

NFPA Ratings

Health 3
Flammability 0
Reactivity 2
Specific Hazard OX

HMIS Ratings

Health 3
Fire 0
Reactivity 2
Personal J

Component:	Calcium Hypochlorite	Potassium Car	bonate
Weight %:	0.5 – 5.0%	95 – 99.5%	
CAS Number:	7778-54-3	584-08-7	
EINECS#/ELINCS#	231-908-7		
Formula:	Ca(ClO)	K ₂ CO ₃	
Molecular Weight:	142.98 g/mol	138.21 g/mol	

FIRST-AID GUIDANCE

Eyes: In case of eye contact, rinse with plenty of water and seek medical attention immediately.

Inhalation: Move to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Skin: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention immediately.

Ingestion: **DO NOT INDUCE VOMITING!** Never give anything by mouth to an unconscious person. If conscious, wash mouth out with water. Get medical attention immediately.

FIRE-FIGHTING MEASURES

Suitable/unsuitable extinguishing media: Product is a strong oxidizer. Dry chemical or carbon dioxide. Do not use water.

Special PPE and precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Specific hazards arising from the chemical: Oxidizer! May release chlorine gas when mixed with water. Emits toxic fumes (calcium oxides, hydrogen chloride gas) under fire conditions. (See also Stability and Reactivity section).

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ACCIDENTAL RELEASE MEASURES

PPE equipment and health:	See Section 8 for recommendations on the use of PPE.
Emergency procedures:	
Environmental precautions:	Prevent spillage from entering drains. Any release to the environment may be subject to federal, national, or local reporting requirements.
Methods and materials for containment and clean up:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

HANDLING AND STORAGE

Precautions for safe handling:	See Section 8 for recommendations on the use of PPE. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts. Keep away from sources of ignition – NO SMOKING.
Conditions for safe storage, including any incompatibilities:	Store in cool, dry, well-ventilated area. Keep away from incompatible materials. (See Section 10 for incompatibilities).

EXPOSURE CONTROLS and PERSONAL PROTECTION

Occupational exposure controls:	
Personal Protection:	
Eyes:	Wear chemical safety glasses or goggles.
Inhalation:	Provide local exhaust, preferably mechanical. If exposure levels are extensive, use an approved respirator.
Skin:	Wear nitrile or rubber gloves, impervious, antistatic, protective clothing.
Other:	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	White to slightly yellow granules.
Odor:	Not available
Odor threshold:	Not available
pH:	Not available
Melting/freezing point:	100°C (212°F)
Flash point:	Not flammable
Evaporation rate:	Not available
Flammability (solid, gas):	Not flammable
Upper/lower flammability or explosive limit:	Not flammable
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	Not available
Solubility (ies):	Completely soluble in water
Partition coefficient:	n-octanol/water: Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available

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STABILITY and REACTIVITY

Chemical stability:	Stable
Possibility of hazardous reaction:	Will not occur
Conditions to avoid:	Moisture, heat, sources of ignition
Incompatible materials:	Acids, reducing agents, organic materials, combustible materials
Hazardous decomposition products:	Calcium oxides, hydrogen chloride gas.

TOXICOLOGICAL INFORMATION

Acute Toxicology

Skin:	Not available
Eyes:	Not available
Respiratory:	Not available
Ingestion:	LD50 Oral – rat – 850 mg/kg

Carcinogenicity

IARC:	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
ACGIH:	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by ACGIH.
NTP:	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by NTP.
OSHA:	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by OSHA.

Signs & Symptoms of Exposure

Skin:	Redness, itchiness, swelling, and burns.
Eyes:	Redness, itchiness, and burns.
Respiratory:	Coughing, burning, wheezing, laryngitis, shortness of breath, and headache.
Ingestion:	Nausea, vomiting, and pain.
Chronic Toxicity:	Not available
Teratogenicity:	Not available
Mutagenicity:	Genotoxicity in vitro – Hamster – fibroblast; cytogenetic analysis.
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available

ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	LC50 – Lepomis Macrochirus – 0.057 mg/l – 96.0 hours
Aquatic Invertebrate:	EC50 – Daphnia Magna (Water Flea) – 0.067 mg/l – 48 hours
Terrestrial:	Not available
Persistence & Degradability:	Not available
Bio accumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Very toxic to aquatic life

Note: The information offered in Disposal Considerations is for the product as shipped. Use and or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods.

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TRANSPORTATION INFORMATION

US DOT:	UN2880, Calcium Hypochlorite, hydrated mixture, 5/1, pg II
TDG:	UN1748, Calcium Hypochlorite, Dry, 5.1, pg II
IMDG:	UN3487, Calcium Hypochlorite, hydrated mixtures, 5.1, pg II
Marine Pollutant:	Yes
IATA/ICAO:	UN1748, Calcium Hypochlorite, Dry, 5.1 pg II

REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed on the TSCA inventory.
DSCL (EEC):	All ingredients are listed on the DSCL inventory.
California Proposition 65:	Not listed
SARA 302:	Not listed
SARA 304:	Not listed
SARA 311:	Calcium Hypochlorite
SARA 312:	Calcium Hypochlorite
SARA 313:	Not listed
WHMIS Canada:	Class C: Oxidizing material. Class E: Corrosive solid

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