

Material Safety Data Sheet

MSDS #CD01A

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Checkmate

For Chemical Emergency call:

EPA Reg No: November 13, 2008

Infotrac 1-800-535-5053

Issue Date:**Supersedes:****Company Name:** Pioneer Manufacturing Company
4529 Industrial Parkway
Cleveland, OH 44135

For Information call:

1-800-877-1500/1-800-877-1500

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

Components		Exposure Limits		
* -- (see note below)	Wt%	OSHA PEL	ACGIH TLV	NIOSH REL
Chelating Agent (CAS No. 64-02-8)	0 to 5	2	2	None
Sodium Metasilicate (CAS No. 6838-02-0)	0 to 5	2	2	None
Nonionic Surfactant (CAS No. 26027-38-3)	0 to 5	None	None	None
Quaternary Ammonium (CAS No. 6842-85-5)	0 to 5	None	None	None

* -- Asterisked ingredients are those considered hazardous according to the criteria of 29CFR1910.1200.

Other ingredients are listed for informational purposes to assist emergency medical response personnel.

SECTION 3 -- HAZARDS IDENTIFICATION

Eyes: May cause eye irritation.

SKIN: May cause skin irritation.

INHALATION:

INGESTION: May cause irritation to the intestine, mouth, throat, & esophagus.

HMIS Rating

Health	1
Flammability	0
Reactivity	0

SECTION 4 -- FIRST AID MEASURES

Eye Contact: IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.**Inhalation:** IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical attention.**Ingestion:** IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, drink large quantities of water.

SECTION 5 -- FIRE FIGHTING MEASURES

Flash Point / Method: Not applicable**Flammable Limits:** Not applicable**Extinguishing Media:** Non -Flammable**Special Fire Fighting Procedures:** Non applicable.**Fire and Explosion Hazards:** Not applicable

NFPA



SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Response to Spills: Small spills: Contain spill. Flush to sanitary sewer. Rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up with inert absorbent. Prevent runoff to creeks and waterways.

SECTION 7 -- HANDLING AND STORAGE

Handling Precautions: Wash after handling. Wash hands before eating. Keep container tightly closed when not in use.**Storage Precautions:** Store in a cool, dry place. Keep storage temperature below 120°F. Do not contaminate food, feed, or drinking water. Keep from freezing.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

Hygienic Practices: Normal procedures for good hygiene. Avoid eye and skin contact.
Engineering Controls: General ventilation recommended for large jobs. Eyewash station is recommended.
Personal Protective Equipment:
Respirator Adequate ventilation
Goggles/Face Safety glasses recommended.
Gloves Recommended, as required, to prevent skin contact (rubber or Neoprene).

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green liquid	Boiling Point	212 °F
Odor	Practically odorless	Freezing Point	Not established
pH	11.5	Evaporation Rate (Butyl Acetate=1)	1
Specific Gravity (H₂O=1)	1	Vapor Density (Air=1)	Not applicable
Solubility	Soluble	Vapor Pressure (mmHg)	20 @ 68°F
VOC Content (% Wt.)	0.00% (0.000 lbs/gallon)		

SECTION 10 -- STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to Avoid: None known
Incompatibility: None known
Hazardous Will not occur
Decomposition: None known
Polymerization: Will not occur.
Conditions to Avoid: Not applicable

SECTION 11 -- TOXICOLOGICAL INFORMATION

Not available

SECTION 12 -- ECOLOGICAL INFORMATION

Ecotoxicity: None
Environmental Fate: Readily degraded

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.
RCRA Classification:

SECTION 14 -- TRANSPORT INFORMATION

DOT Classification: Not DOT regulated.
Exceptions: None
Description: None

SECTION 15 -- REGULATORY INFORMATION

X	SARA 313	Ingredients not toxic under Section 313 of Title III, (SARA) and 40 CFR Part 373.

SECTION 16 -- OTHER INFORMATION

ID:
Issue Date (Rev):
Revision Summary: