

DEGREE OF HAZARD

Health =2

Flammability=0

Reactivity=1

0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High; 4= Extreme

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STUBBLE-AID
MATERIAL SAFETY DATA SHEET

SECTION I: CHEMICAL NAMES**Product Description:** Stubble-Aid is a crop residue treatment for enhanced residue degradation.

Chemical Names	Bacterial fermentation media, Yucca plant extract, Copper chloride, Ferrous chloride, Zinc chloride, Manganese chloride.	Chemical Family	N/A
Trade Name & Synonyms	Stubble-Aid	Chemical Formula	N/A

N/A=not applicable or not analyzable

SECTION II - HAZARDOUS INGREDIENTS

Paints, Preservatives & Solvents	N/A	Alloys & Metallic Coatings	N/A
Pigments	N/A	Base Metal	N/A
Catalyst	N/A	Alloys	N/A
Vehicle	N/A	Metallic Coatings	N/A
Solvents	N/A	Filler Metal	N/A
Additives	N/A	Other	N/A
%TLV	N/A		

N/A=not applicable or not analyzable

SECTION III - PHYSICAL DATA

Boiling Point (°F)	N/A	Specific Gravity (H₂O=1)	1.09 g/ml
Vapor Pressure (mmHg)	N/A	% Volatile by Volume	N/A
Vapor Density (air = 1)	N/A	Evaporation Rate	N/A
Solubility in Water	soluble	Appearance & Odor	Green-brown liquid

N/A=not applicable or not analyzable

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point	>200°F	Flammable Limits	None
Extinguishing Media	Use any suitable means to extinguish surrounding fire.	Unusual Fire & Explosion Hazards	NONE
Special Fire Fighting Procedures	Use NIOSH approved self-contained breathing apparatus with full facepiece operated in the pressure		

Stubble-Aid MSDS (page 2)

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value	None established
Effects of Overexposure	None known
Emergency & First Aid Procedures	<p><u>CORROSIVE:</u> Avoid skin and eye contact.</p> <p><u>On inhalation:</u> If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.</p> <p><u>On skin contact:</u> Wash the affected area with soap and water.</p> <p><u>On eye contact:</u> Immediately flush eyes with copious amounts of water for at least 15 minutes.</p> <p><u>On ingestion:</u> If swallowed, wash out mouth with water, provided person is conscious. Call a physician. Wash contaminated clothing before reuse.</p>

SECTION VI - REACTIVE DATA

Stability	18 months at room temperature
Conditions to Avoid	unknown
Incompatibility (Materials to Avoid)	unknown
Hazardous Decomposition Products	None known
Hazardous Polymerization May/May Not Occur	will not occur

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken	Package for reclamation or recovery. Material that cannot be reclaimed should be diked and covered with sodium bicarbonate or soda ash. The neutralized waste should be packaged in a closed container.
Waste Disposal Method	In accordance with local, state and federal regulations

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)	NIOSH/MSHA approved respirator
Ventilation	Use adequate general or local exhaust ventilation to keep fume or dust levels as low as possible.
Protective Gloves	Rubber or plastic impervious gloves
Eye Protection	Safety goggles and/or face shield
Other Protection Necessary	Body-covering clothing

SECTION IX - SPECIAL PRECAUTIONS

Handling & Storage	Store in closed container in cool dry area.
Other Precautions	CORROSIVE - Avoid contact with skin, eyes and clothing. Wear protective clothing, gloves and splash goggles or shield. Wash thoroughly after using. Avoid breathing mist. Use with adequate ventilation.

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