



# Safety Data Sheet

ACCORDING TO Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision Date 09/2014

Product Name: Reden Product Server Chemical Family: Fertilizer Chemical Formula: Proprietary information Product Use: Plant Nutrients Prepared By: Kugler Company SUPFLER IDENTIFICATION Kugler Company 209 W. 3rd, PO Box 1748, McCook, NE 69001 209 W. Styler Company 209 W. Styler Company 200 W. Styler Company								
Chemical Name: Iron EDTA, Surfactant, Mixed Fertilizer Solution Chemical Formula: Proprietary information Product Use: Plant Nutrients SUPPLER IDENTIFICATION Sugler Company SUPPLER IDENTIFICATION Sugler Company SUPPLER IDENTIFICATION Sugler Company Supplement No. 12(80) 243-9300 CHEMTREC Intergrency Control No. 12(80) 243-9300 CHEMTREC Intergrency Control No. 12(80) 243-9300 CHEMTREC Intergrency Control No. 12(80) 243-9300 CHEMTREC Section 2: HAZARDS IDENTIFICATION Signal Word: Warning Emergency Control No. 12(80) 243-9300 CHEMTREC Intergrency Control No. 12(80) 243-9300 CHEMTREC Section 2: HAZARDS IDENTIFICATION Signal Word: Warning Emergency Control No. 12(80) 243-9300 CHEMTREC Eyes: May cause irritation Ingestion: May cause irritation Chronic Ingestion may be fatal. Medical Conditions Generally Aggravated by Exposure: Existing skin and lung disorders may be aggravated CarcinogeniCity OSHA: NA ACGIH: NA NTP: NA LARC: NA OTHER: NA Section 3: COMPOSITION/INFORMATION ON INGREDIENTS Engretent Conditions Generally Aggravated by Exposure: Existing skin and lung disorders may be aggravated GosHA: NA ACGIH: NA NTP: NA LARC: NA OTHER: NA Section 3: COMPOSITION/INFORMATION ON INGREDIENTS Engretent Conditions Generally Aggravated by Exposure: Existing skin and lung disorders may be aggravated GosHA: NA ACGIH: NA NTP: NA LARC: NA OTHER: NA Section 3: COMPOSITION/INFORMATION ON INGREDIENTS Engretent Priorietary <25% CoshA PEL-TWA: NA GSHA PEL STE:: KA OSHA PEL STE::								
Chemical Family: Fertilizer       Formical Formula: Proprietary information         Product Use:       Plant Nutrients         Prepared By:       Kugler Company         SUPPLIER IDENTIFICATION       Image: Company         203 W3: 374, PO Box 1748, McCook, NE 69001       Image: Company         203 W3: 303 W3: 203 Donner (1080) 345-7756 fax       Image: Company         Emergency Contact No.: (800) 424-9300 CHEMTREC       Image: Company.com         Sterritor 2:       HAZARD STOPTIFICATION         Signal Word:       Warning         Emergency Overview:       Rouse irritation         Sterritor:       May cause irritation         Ingestion:       May cause irritation         Ingestion:       May cause irritation         Ingestion:       May cause irritation         Indeadche, mental ingainment, dizziness and may be fatal.         Medical Conditions Generally Aggravated by Exposure:       Existing skin and lung disorders may be aggravated         Carcinogenicity       OshiA in NTP: NA       IARC: NA       OTHER: NA         Settritor 1:       CAS No.       %       SARA 313 Reportable         Proprietary Ingredient       CAS No.       %       SARA 313 Reportable         Proprietary Ingredient       CAS No.       %       SARA 313 Reportable								
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Product Use: Plant Nutrients Prepared By: Kugler Company SUPPLER IDENTIFICATION Kugler Company 203 V3. 3rd, PO Box 1748, McCook, NE 69001 203 V3. 3rd, PO Box 1748, McCook, NE 69001 Signal Word: (300) 452-7756 fax Emergency Contact No.: (800) 424-9300 CHEMTREC www.KuglerCompany.com SECTION 2: HAZARDS IDENTIFICATION Signal Word: Warning Emergency Overview: Entergency Overview: Entergency Overview: Exercise of Entry: Inhalation, ingestion, injection and absorption Potential Health Effects Eyes: May cause irritation Inhalation: Cronic ingestion may cause damage to heart, liver and blood-forming tissues. Ingestion of large quanti headache, mental impairment, dizziness and may be fatal. Medical Conditions Generally Aggravated by Exposure: Existing skin and lung disorders may be aggravated Carcinogenicity OSHA PE LTWA: NA CGIH: NA NTP: NA IARC: NA OTHER: NA SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS Ingredient CAS No. % SARA 313 Reportable Proprietary Ingredient CAS No. % SARA 313 Reportable SECTION 4: FIRST-AID MEASURES Inhalation: Mo we injured person into fresh air and keep person cam under observation. For breathing difficulties, oxygen may be necess ing stops, provide artificial respiration. Get medical attention immediately.								
Prepared By: Kugler Company SUPPLIER IDENTIFICATION Kugler Company 2091. 3rd, PO Box 1748, McCook, NE 69001 HAZARD STATEM Harmful if swallow Emergency Contact No.: (800) 424-9300 CHEMTREC www.KuglerCompany.com SECTION 2: HAZARDS IDENTIFICATION Signal Word: Warning Emergency Coverview: May cause irritation Inhalation, ingestion, injection and absorption Potential Health Effects Eyes: May cause irritation Ingestion: May cause irritation Ingestion: May cause irritation Inflation: May cause Section 3: COMPOSITION/INFORMATION ON INGREDIENTS Ingredient CAS No. % SARA 313 Reportable Proprietary Ingredient Section 4: FIRST-AID MEASURES Inflation: Move injured person into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be necess ing stops, provide artificial respiration. Get medical attention								
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www.kugierCompany.com         SECTION 2: HAZARDS IDENTIFICATION         Signal Word:       Warning         Emergency Overview:         Routes of Entry:       Inhalation, injection and absorption         Potential Health Effects       Eyes:         Eyes:       May cause irritation         Skin:       May cause irritation         Ingestion:       May cause irritation         Inhalation:       May cause irritation         Chronic Health Hazards:       Chronic ingestion may cause does ingestion can cause heart and kidney problems         Acute Health Hazards:       Chronic ingestion may cause damage to heart, liver and blood-forming tissues. Ingestion of large quanti headache, mental impairment, dizziness and may be fatal.         Medical Conditions Generally Aggravated by Exposure:       Existing skin and lung disorders may be aggravated         Carcinogenicity       GSHA:       NA       ACGIH: NA       NTP: NA       IARC: NA       OTHER: NA         SECTION 3: COMPOSITION/INFORMATION ON INCREDIENTS       Ingredient       CAS No.       %       SARA 313 Reportable         Proprietary Ingredient       Priorietary       <25%								
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ing stops, provide artificial respiration. Get medical attention immediately.								
Skin Contact: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If frostbite of	ary. If brea							
merse affected area in warm water (not exceeding 105°F/41°C). Keep immersed for 20 to 40 minutes. Get medical attentio	ccurs, im-							
Chemical burns must be treated by a physician.								
Flush thoroughly with water for at least 15 minutes. Get immediate medical assistance. If medical assistance is not immediately avai								
flush an additional 15 minutes. If frostbite occurs, immerse affected area in warm water (not exceeding 105°F/41°C) for at	ccurs, im- n immediate							
minutes. If easy to do, remove contact lenses.								
<b>Ingestion</b> : Call a physician or poison control center immediately. DO NOT induce vomiting. If victim is fully conscious, give a cupful of v	ccurs, im- n immediate rely available east 15							
give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration and in prevent aspiration of the second se	ccurs, im- n immediate ely available east 15 vater. Neve							
terial is a gas under normal atmospheric conditions and ingestion is unlikely.	ccurs, im- n immediate ely available east 15 vater. Neve							
<b>Chemical Burns</b> : Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Seek medical attention	ccurs, im- n immediate ely available east 15 vater. Neve on. This ma							

SECTION 5: FIRE-FIGHTING	MEASURES							
Flammable Limits in Air, Upper:			NA					
(% by volume) Lower:			NA					
Flash Point:	NA							
Method Used:	NA							
Autoignition Temperature:	NA							
NFPA Hazard Classification								
Health: 1	Flammability:	0	Reactivity:	0	Other:	None		
HMIS Hazard Classification								
Health: 1	Flammability:	0	Reactivity:	0	Other:	None		
Extinguishing Media:	tinguishing Media: Use extinguishing media appropriate for surrounding materials.							
Special Fire Fighting Procedures:		Bec	ause fire ma	y produc	e hazardous	decomposition products, wear a self-contained breathing apparatus		
		(SC	BA) with a fu	ull face p	iece operated	d in pressure demand or positive pressure mode.		
Unusual Fire and Explosion Hazards:			NA					
Hazardous Decomposition Products:			Can release ammonia, nitrous oxide fumes, cyanides, oxides of carbon and phosphorous oxide fumes.					

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spills: Absorb with sand or other inert material and dispose of in accordance with applicable regulations.

Large Spills:

Containment: For large spills, dike far ahead of liquid spill for later disposal, Do not release into sewers or waterways.

Cleanup: Contained materials may be salvaged for use.

Regulatory Requirements: Follow applicable 051-IA regulations for cleanup personnel and EPA requirements for disposal.

**Disposal**: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations if material is not salvageable for use.

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations.

Container Cleaning and Disposal: Triple rinse and use rinseate in product tank. Dispose of container per applicable regulations.

# SECTION 7: HANDLING STORAGE

**Precautions for Safe Handling:** Avoid inhalation and contact with skin and eyes. Do not get in eyes, on skin, on clothing. Do not breathe gas. Use only with adequate ventilation. Open valve slowly. Ensure that cylinders are not exposed to heat. When using, do not eat, drink or smoke. Do not pressurize, cut weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Observe good industrial hygiene practices.

**Conditions for Safe Storage, Including any Incompatibilities**: Compressed gas storage. Pressurized container. Protect for sunlight and do not expose to temperatures exceeding 50°C/122°F. Store in a cool and well-ventilated place. Secure cylinders in an upright position at all times, close all valves when not in use. Secure cylinders from falling or being knocked over.

# SECTION 8: EXPOSURE/CONTROLS/PERSONAL PROTECTION

# ENGINEERING CONTROLS:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs.

# ADMINISTRATIVE CONTROLS:

**Respiratory Protection**: Respiratory protection may be needed if airborne mists are created. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. *Warning! Air -purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance ,inspection, cleaning, and convenient, sanitary storage areas.

**Protective Clothing Equipment**: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 (`FR 1910.133).

Safety Stations: Make emergency eyewash stations, emergency showers, and washing facilities available in work area.

**Contaminated Equipment**: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your personal protective equipment.

**Comments**: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark red, clear Odor: Mild odor Physical State: Liauid pH as Supplied: 8.0 (as is) pH (other): **Boiling Point:** N.D. N.D. Melting Point: Freezing Point: N.D. Vapor Pressure (mmHg): NA Vapor Density (AIR=1): NA Specific Gravity (H20=1) 1.07 @ 25 Deg C Density, lbs/gal: 9.0 Evaporation Rate: NΔ Solubility in Water: Appreciable Percent Solids by Weight: NA Percent Volatile: NA Volatile Organic Compounds (VOC): None With water (lbs/gal):

Without water (lbs/gal): Molecular Weight:	NA									
Viscosity: NA										
SECTION 10: STABILITY AND REACTIVITY Stability: Conditions to Avoid (Stability): Incompatibility (material to avoid): Hazardous Decomposition or By-Products: Hazardous Polymerization: Conditions to Avoid (Polymerization):		Stable under normal storage and handling conditions Avoid excessive heat Oxidizers, hypochlorites, strong bases and strong acides Ammonia NA NA								
SECTION 11: TOXICOLOG	ICAL INFORMATIC	<u>DN</u>								
SECTION 12: ECOLOGICA	I INFORMATION									
NA										
SECTION 13: DISPOSAL C Waste Disposal Method:		ortilizor may be cu	ubject to federal, state and local regulati	one licers of this pr	oduct should review their oper					
waste Disposal Method:			state and local laws and regulations, th							
	discharging or disp		state and local laws and regulations, th		phate regulatory agent before					
RCRA Hazard Class: NA										
SECTION 14: TRANSPORT										
US Department of Transpo										
Proper Shipping Name:	ReGEN									
Hazard Class:	NA									
ID Number:	NA									
Packing Group:	NA									
Label Statement:										
Health: 1	Flammabi	lity: 0	Reactivity: 0	Specific:	0					
Water Transportation										
Proper Shipping Name:	ReGI	EN								
Hazard Class:	NA									
ID Number:	NA									
Packing Group:	NA									
Label Statement:	NA									
Health: 1	Flammabi	lith // O	Boactivity (	Creation	0					
	FidminiaDi	iity. U	Reactivity: 0	Specific:	U					
Air Transportation										
Proper Shipping Name:	ReGI	EN								
Hazard Class:	NA									
ID Number:	NA									
Packing Group:	NA									
Label Statement:										
Health: 1	Flammabi	litv: 0	Reactivity: 0	Specific:	0					
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# SECTION 15: REGULATORY INFORMATION

NA

#### SECTION 16: OTHER INFORMATION INCLUDING DATE OF PREPARATION AND/OR LAST REVISION

Handling Precautions: Use in accordance with labeling instructions. Keep away from children, pets, domestic animals, and wildlife. Storage Requirements: Store in properly labeled containers. Keep from freezing. Labeling (Precautionary Statements): Warning! Eye and Skin Irritant

# This product is not regulated by DOT or falls under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and CFR part 372.

### Disclaimer:

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control, it should not be taken as warranty or representation for which KUGLER OIL COMPANY assumes legal responsibility. This information is provided solely for your consideration, investigation and verification.