

SAFETY DATA SHEET

Active 80


Date Prepared: 9/21/2015

Replaces: All Previous

SECTION 1. IDENTIFICATION

Product Name: Active 80
Synonyms: None
Use: Agricultural: Spreader, Surfactant, Deposition Aid, Defoamer
Manufactured For: Chemical Dynamics, Inc.
4206 Business Lane
Plant City FL 33566
Phone: 813-752-4950
Chemtrec (Emergency) Phone: 800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

Pictogram	Signal Word	Hazard Class	Hazard Category	Hazard Statement
	DANGER	Eye Damage	Cat 1	Causes serious eye damage
Precautionary Statements:	<p>Prevention: Wear chemical splash proof goggles and face protection.</p> <p>Response: <u>If in eyes:</u> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call doctor.</p> <p>Storage: Keep container tightly closed when not in use. Store above 32°F.</p> <p>Disposal: Dispose of contents/containers in accordance with local/regional/national regulations (See Section 13 of SDS). Containers may be triple rinsed and offered for recycling.</p>			

SECTION 3. COMPOSITION

Material	CAS #	EINECS #	%WT
Proprietary Blend of Ethoxylated Surfactants			
Water	7732-18-5	231-791-2	balance

See product label for guaranteed analysis

SECTION 4. FIRST AID MEASURES	
Ingestion:	Rinse mouth. Do NOT induce vomiting. Call doctor if you feel unwell
Skin Contact:	Take of all contaminated clothing and rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs, get medical attention.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Call doctor if you feel unwell.
Eye Contact:	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call doctor or poison center.
Acute Exposure Symptoms:	Serious eye damage.
Chronic Exposure Symptoms:	Not available
SECTION 5. FIRE FIGHTING MEASURES	
Extinguishing Media:	Water, Dry chemicals, foam, carbon dioxide, water or fog. Cool containers with water spray to avoid rupture due to thermal expansion.
Specific Hazards:	Incomplete combustion may produce carbon monoxide or carbon dioxide. Burning may produce noxious and toxic fumes. For safety, avoid water spray with full jet to prevent spread of product.
Protective Equipment and Precautions for Fire-Fighters:	Wear self-contained breathing apparatus (SCBA) and full protective gear. Avoid inhaling combustion products. Fire run-off should be contained to prevent possible environmental damage.
NFPA Rating:	Health: 3, Fire: 1, Reactivity: 0
SECTION 6. ACCIDENTAL RELEASE MEASURES	
Precautions:	Keep unnecessary personnel away. DO NOT touch damaged containers or spilled material unless wearing appropriate protective gear. Avoid splashing or spraying. Keep people away from and upwind of spill/leak. Keep out of low areas. Ensure adequate ventilation. Ventilate closed spaces before entering them. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers ditches and waterways.
Protective Equipment:	Impervious gloves (rubber, neoprene or nitrile), chemical resistant suit. Chemical splash-proof goggles, face shield. Chemical resistant apron and/or rubber boots may be needed. Use NIOSH approved respirator if vapors or mists exceed applicable concentration limits.
Containment:	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in the immediate area). Stop the flow of the material and dike spill area when possible without exposure to unnecessary risk.
Clean Up:	DO NOT release this product into the environment. Use equipment rated for use around combustible materials. For large spills, absorb spilled liquid with suitable non-combustible absorbent material such as dirt or sand. For small spills, wipe up with suitable absorbent material such as cloth. Clean exposed surfaces thoroughly to remove any residual contamination. Never return spills in original containers for re-use. Dispose any contaminated absorbents appropriately. For waste disposal, see section 13 of this SDS.

SECTION 7. HANDLING AND STORAGE	
Precautions for safe handling:	Wash hands after handling. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Do not swallow. Do not eat, drink or use tobacco products when handling this material. Apply product in open areas. Keep away from children and pets. Do not contaminate feed, seed or any water sources. Launder work clothes frequently and separate from other laundry.
Conditions for safe storage:	Store locked up. Store in a well-ventilated, cool, dry place, away from sources of intense heat, or where freezing is possible. Keep containers tightly closed when not in use. Do not let product go below 32°F. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Acceptable storage materials include polyethylene, polypropylene or fiberglass.
Incompatibilities:	Flammable and combustible materials, strong reducing agents and bases (such as ammonium hydroxide), finely powdered metals. Keep away from intense heat or fire. Avoid sulfate materials.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION			
Component Exposure Limits:		Not Established	PEL, OSHA
		Not Established	STEL, OSHA
		Not Established	TLV, ACGIH
		Not Established	IDLH, NIOSH
		Not Established	REL, NIOSH
		Not Established	STEL, NIOSH
Engineering Controls:	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Maintain air concentrations below occupational exposure limits. Use local exhaust when misting occurs. Natural ventilation is adequate in absence of mists. Keep away from sparks and flames. Eyewash station and safety shower required.		
Personal Protective Equipment:	<u>Eyes:</u> Chemical splash-proof goggles <u>Skin:</u> Impervious gloves (rubber, neoprene or nitrile), Boots, apron, bodysuit, or other suitable protective clothing should be worn as necessary. <u>Respiratory:</u> No personal respiratory protective equipment normally required. An approved respirator must be worn if airborne concentrations are above any recommended exposure limits. In misty atmospheres, use an approved respirator.		
Work Hygienic Practices	When using, do not eat, drink or smoke. Do not get in eyes. Do not get this material in contact with skin. Wash hands and face before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Have eye wash and emergency shower facilities immediately available. Handle in accordance with good industrial hygiene and safety practice.		

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance:	Clear, yellow liquid		
Odor:	Low Chemical Odor	UEL / LEL:	Not Available
Odor Threshold:	Not Available	Vapor Pressure:	Not Available
pH:	-2 to 0	Specific Gravity:	0.998 @ 68°F
Melting/Freezing Point:	Not Available	Solubility:	Water
Boiling Point:	>100°C (212°F)	Log_{ow}:	Not Available
Flash Point:	>200°F (93.3°C)	Auto Ignition Temp:	Not Available
Evaporation Rate:	Similar to water	Decomposition Temp:	Not Available
Flammability (Solid/Gas):	Not Available	Viscosity	Not Available

SECTION 10. STABILITY AND REACTIVITY	
Reactivity:	Prevent oxidation by avoiding long-term exposure to air.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Keep away from heat, sparks, static discharge or flame and exposure to elevated temperatures.
Incompatible Materials:	Strong acids and bases, including acidic clays; alkali metals; halogens; peroxides; vinyl chloride; and iodine pentafluoride.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, aldehydes, and flammable hydrocarbon fragments.

SECTION 11. TOXICOLOGICAL INFORMATION	
Acute Toxicity:	LD50 oral (rat), ATE _{mix} : 25,000 mg/kg LD50 dermal (rabbit) ATE _{mix} : 45,000 mg/kg LC50 inhalation (rabbit): Not Available
Likely Routes of Exposure:	Inhalation of mist, eye, and skin contact.
Symptoms and Signs of Exposure:	<u>Eyes:</u> Contact serious eye damage; Eye burns, watering eyes. <u>Skin Corrosion/Irritation:</u> Not expected. <u>Ingestion:</u> gastrointestinal irritation.
Chronic Effects:	Not Available
Aspiration Hazard:	Not expected
Carcinogenic:	None of this product's components are listed by ACGIH, OSHA, IARC, NIOSH, NTP or California Prop 65 as carcinogenic. No components present in excess of 0.1% by weight listed as carcinogens by OSHA, NTP, IARC or ACGIH.
Mutagenicity:	Not Available
Reproductive Toxicity:	Not Available

SECTION 12. ECOLOGICAL INFORMATION	
Ecotoxicity:	Fish: Not Available Daphnia: Not Available
Persistence and Degradability:	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13. DISPOSAL CONSIDERATIONS	
Disposal Instructions:	Incinerate or dispose of in accordance with Local, State, and Federal Regulations. Commercially clean containers prior to disposal. Oil soaked rags should be disposed of properly to prevent spontaneous combustion. Do not allow this material to drain into sewers/water supplies. For the safety of persons conducting disposal, please refer to the information in section 8.

SECTION 14. TRANSPORT INFORMATION	
This material is not hazardous as defined by 49 CFR 172.101 by the US Department of Transportation	
Proper Shipping Name:	Not Applicable
Hazard Class:	Not Applicable
UN Identification #:	Not Applicable
Packing Group:	Not Applicable
Required Label(s):	Not Applicable
Emergency Response Guide Number:	Not Applicable
Marine Pollutant:	No

SECTION 15. REGULATORY INFORMATION	
TSCA Inventory Status	All intentional ingredients listed on the TSCA inventory.
DSCL (EEC) Status	All intentional ingredients listed on the DSCL inventory.
United States – SARA Hazard Category:	This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act (SARA) and is considered, under applicable definitions, to meet the following categories: Fire – No, Pressure – No, Acute – Yes, Chronic – No, Reactive – No
SARA Title III Information:	This product contains the following substances subject to the reporting requirements of Title III (EPCRA) of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
	CERCLA RQ (pounds): No SARA Reporting, 302: No SARA Reporting, 304: No SARA Reporting, 313: No
Federal Insecticide, Fungicide, and Rodenticide Act	This product is not a pesticide.
State Regulations:	Other state regulations may apply. Check individual state requirements.

SECTION 16. OTHER INFORMATION	
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Date of Revision:	9/21/2015, revision prepared in accordance with 29 CFR 1910.1200 Appendix D to meet Global Harmonization Standards.
Disclaimer:	The information contained in this SDS refers only to the specific material designated and does not relate to any process or use with any other materials. This information is based on data believed to be accurate and reliable as of the date hereof. It is intended for use by persons possessing technical knowledge at their own discretion and risk. Because safety standards and regulations are subject to change and because Chemical Dynamics, Inc. has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law. No warranty, expressed or implied, and no liability is assumed by Chemical Dynamics, Inc. in conjunction with the use of this information. Nothing herein is to be construed as a recommendation to infringe any patents.