

## EVO-W

Version 6.0

Revision Date 05/10/2016

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	DT-W 015
Product Use	:	Chemical intermediate
Restrictions on use	:	For industrial use only.
Manufacturer/Supplier	:	OSM Shield, LLC. 97 Main Street Suite W-202 Edwards, CO 81632
Product Information	:	info@osmshield.com 9703908717

## SECTION 2. HAZARDS IDENTIFICATION

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

### Other hazards

No applicable data available.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any components that require disclosure according to OSHA Hazard Communication Standard 2012.

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## SECTION 4. FIRST AID MEASURES

General advice	: When symptoms persist or in all cases of doubt seek medical advice.
Inhalation	: Move to fresh air. Oxygen or artificial respiration if needed. Symptoms may be delayed. Call a physician immediately.
Skin contact	: Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use.
Eye contact	: Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice.
Ingestion	: Call a physician or poison control centre immediately. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	: Eye contact may provoke the following symptoms: Tearing, redness, or discomfort. Skin contact may provoke the following symptoms: Discomfort, itching, redness, or swelling.
Protection of first-aiders	: First Aid responders should pay attention to self-protection and use the recommended protective clothing
Notes to physician	: Treat symptomatically.

## SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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Unsuitable extinguishing media	: No applicable data available.
Specific hazards	: The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products Carbon dioxide (CO2) Carbon monoxide Other hazardous decomposition products may be formed.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.
Further information	: Evacuate personnel to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up.  
Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel)	: Evacuate personnel to safe areas. Use personal protective equipment. Ventilate the area.
Environmental precautions	: Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.
Spill Cleanup	: Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.
Accidental Release Measures	: For disposal considerations see section 13.

## SECTION 7. HANDLING AND STORAGE

Handling (Personnel)	: Avoid breathing vapours or mist. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.
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Handling (Physical Aspects)	: To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapours.
Dust explosion class Storage	: No applicable data available. : Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Perishable if frozen.
Storage period	: No applicable data available.
Storage temperature	: 5 - 40 °C (41 - 104 °F)

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls	: Use only in area provided with appropriate exhaust ventilation.
Personal protective equipment	
Respiratory protection	: In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
Hand protection	: Additional protection: Impervious gloves
Eye protection	: Wear safety glasses or coverall chemical splash goggles.
Skin and body protection	: Lightweight protective clothing
Exposure Guidelines	
Exposure Limit Values	

This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	: liquid
Form	: liquid, Aqueous solution

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Color	: white
Odor	: No applicable data available.
Odor threshold	: No applicable data available.
pH	: 4 - 7
Melting point/freezing point	: Freezing point 0 °C (32 °F)
Boiling point/boiling range	: Boiling point 100 °C (212 °F) at 760 mm Hg
Flash point	: > 93 °C Method: closed cup
Evaporation rate	: No applicable data available.
Flammability (solid, gas)	: No applicable data available.
Upper explosion limit	: No applicable data available.
Lower explosion limit	: No applicable data available.
Vapour Pressure	: No applicable data available.
Vapour density	: No applicable data available.
Density	: 1.03 g/cm3
Specific gravity (Relative density)	: No applicable data available.
Water solubility	: dispersible
Solubility(ies)	: No applicable data available.
Partition coefficient: n-octanol/water	: No applicable data available.

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Auto-ignition temperature	: No applicable data available.
Decomposition temperature	: > 200 °C To avoid thermal decomposition, do not overheat.
Viscosity, kinematic	: No applicable data available.
Viscosity, dynamic	: No applicable data available.
% Volatile	: 60 - 75 %

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable under recommended storage conditions.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No applicable data available.
Conditions to avoid	: To avoid thermal decomposition, do not overheat.
Incompatible materials	: Oxidizing agents Reducing agents, Anionic surfactants
Hazardous decomposition products	: Carbon dioxide , Carbon monoxide Incompletely burned carbon products Other hazardous decomposition products may be formed.

## SECTION 11. TOXICOLOGICAL INFORMATION

Dermal LD50	: > 5,000 mg/kg , Rat
Oral LD50	: > 5,000 mg/kg , Rat
Skin irritation	: No skin irritation, Rabbit

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Slight irritation observed but insufficient to warrant classification

- Eye irritation : No eye irritation, Rabbit
- Sensitisation : Did not cause sensitisation on laboratory animals., Local lymph node testMouse
- Mutagenicity : Did not cause genetic damage in cultured bacterial cells.

**Carcinogenicity**

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

**SECTION 12. ECOLOGICAL INFORMATION****Aquatic Toxicity**

- 72 h ErC50 : Pseudokirchneriella subcapitata (green algae) 33 mg/l OECD Test Guideline 201
- 96 h NOEC : Pseudokirchneriella subcapitata (green algae) 3.1 mg/l OECD Test Guideline 201
- 48 h EC50 : Daphnia magna (Water flea) > 120 mg/l US EPA Test Guideline OPPTS 850.1010  
Information given is based on data obtained from similar product.

**Environmental Fate**

- Biochemical Oxygen Demand (BOD) : 0.4 mg/g

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Chemical Oxygen Demand : 341 mg/g  
(COD)

Biodegradability Carbon Dioxide Evolution Test (ISO 9439) : 25.4 % OECD Test Guideline 301B

Biodegradability Zahn-Wellens Test : 100 % OECD Test Guideline 302B  
Inherently biodegradable.

## SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods - Product : In accordance with local and national regulations.

Contaminated packaging : If recycling is not practicable, dispose of in compliance with local regulations.

## SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

## SECTION 15. REGULATORY INFORMATION

TSCA : Listed

Contact your local Chemours sales or technical representative for more information.

SARA 313 Regulated : This material does not contain any chemical components with known CAS

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Chemical(s)	numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
PA Right to Know Regulated Chemical(s)	: Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Dipropylene glycol
California Prop. 65	: Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

## SECTION 16. OTHER INFORMATION

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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