

**ASHLAND**  
SAFETY DATA SHEET

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Revision Date: 11/12/2009  
Print Date: 12/13/2009  
MSDS Number: R0367933  
Version: 1.6

DREWPLUS® ED-795 FOAM  
CONTROL AGENT 51308

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)

Product name	DREWPLUS® ED-795 FOAM CONTROL AGENT
Product code	51308
Product Use Description	No data

**2. HAZARDS IDENTIFICATION**

Emergency Overview

Appearance: liquid, colourless

**CAUTION! MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.**

Potential Health Effects

**Exposure routes**

Inhalation, Skin contact, Eye Contact, Ingestion - Industrial products are not meant to be swallowed

**Eye contact**

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

**Skin contact**

Unlikely to cause skin irritation or injury.

**Ingestion**

Swallowing this material is not likely to be harmful.

**Inhalation**

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material is not likely to be harmful.

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**Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions), Liver, kidney

**Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways)

**Target Organs**

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: lung damage

**Carcinogenicity**

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

**Reproductive hazard**

Based on the available information, risk to the fetus from maternal exposure to this material cannot be assessed.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS-No.	Concentration
POLYALKYLENE GLYCOL	NJTS# 254504001-5000	>=20-<30%

**4. FIRST AID MEASURES**

**Eyes**

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

**Skin**

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First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

**Ingestion**

Give individual two glasses of milk or water to drink. If symptoms develop, seek medical attention.

**Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**Notes to physician**

**Hazards:** No information available.

**Treatment:** No information available.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Alcohol-resistant foam, Water spray, Carbon dioxide (CO<sub>2</sub>), Dry chemical

**Hazardous combustion products**

carbon dioxide and carbon monoxide

**Precautions for fire-fighting**

No special fire hazards are known to be associated with this product. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid.

**Flammability Class for Flammable Liquids**

Combustible Liquid Class IIIB

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

For personal protection see section 8. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment

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should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

**Environmental precautions**

No data

**Methods for cleaning up**

Scoop and sweep up all spilled product and other contaminated materials and place in marked disposal containers. If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid on vermiculite, floor absorbent or other absorbent material.

**7. HANDLING AND STORAGE**

**Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.

**Storage**

Store in closed containers in a dry, well-ventilated area. Keep from freezing.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

**General advice**

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

**Exposure controls**

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Not required under normal conditions of use.

**Eye protection**

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

**Skin and body protection**

Wear resistant gloves (consult your safety equipment supplier).  
Wear normal work clothing covering arms and legs.

**Respiratory protection**

Respiratory protection is not required under normal conditions of use. If needed, use a NIOSH-approved respirator suitable for the potential exposure level.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	liquid
Form	No data
Colour	colourless
Odour	No data
Boiling point/boiling range	100.00 °C / 212.0 °F @ 760.00 mmHg
Melting point/range	32 °F / 0 °C
pH	7
Flash point	200.1 °F / 93.4 °C
Evaporation rate	> 1 (Ethyl Ether)
Explosion limits	No data
Vapour pressure	17.50 mmHg
Vapour density	(<) 1 (AIR=1)
Density	1.060 g/cm <sup>3</sup> @ 68 °F / 20 °C 8.450 lb/gal @ 77.00 °F / 25.00 °C
Solubility	dispersible in water
Partition coefficient: n-octanol/water	No data
log Pow	no data available
Autoignition temperature	No data

**10. STABILITY AND REACTIVITY**

**Stability**

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Stable.

**Conditions to avoid**  
excessive heat

**Incompatible products**  
Strong acids, strong bases, Strong oxidizing agents

**Hazardous decomposition products**  
carbon dioxide and carbon monoxide

**Hazardous reactions**  
Product will not undergo hazardous polymerization.

**Thermal decomposition**  
No data

**11. TOXICOLOGICAL INFORMATION**

**Acute oral toxicity**

POLYALKYLENE GLYCOL	LD 50 Rat: > 5 g/kg
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**Acute inhalation toxicity**

POLYALKYLENE GLYCOL	LC 50 Rat: 147 g/m <sup>3</sup> , 4 h
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**Acute dermal toxicity**

POLYALKYLENE GLYCOL	LD 50 Rabbit: > 2 g/kg
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**12. ECOLOGICAL INFORMATION**

**Aquatic toxicity**

**Acute and Prolonged Toxicity to Fish**

96 h LC 50 Oncorhynchus mykiss (rainbow trout), static test: >10,000 mg/l

96 h LC 50 Pimephales promelas (fathead minnow), static test: >10,000 mg/l

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**Acute Toxicity to Aquatic Invertebrates**

48 h LC 50 Water flea (*Daphnia magna*), static test: >10,000 mg/l

**Environmental fate and pathways**

BOD5: 137,500 mg/l

: 1,508,000 mg/l

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

**14. TRANSPORT INFORMATION**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

**15. REGULATORY INFORMATION**

**California Prop. 65**

**WARNING!** This product contains a chemical known in the State of California to cause cancer.

**PROPYLENE OXIDE**

**ETHYLENE OXIDE**

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1,4-DIOXANE

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

ETHYLENE OXIDE

SARA Hazard Classification Acute Health Hazard

**New Jersey RTK Label Information**

WATER

7732-18-5

POLYALKYLENE GLYCOL

NJTS 254504001-5000

**Pennsylvania RTK Label Information**

WATER

7732-18-5

POLYALKYLENE GLYCOL

NJTS 254504001-5000

**Reportable quantity - Components**

POLYALKYLENE GLYCOL

NJTS# 254504001-5000

none

	Health	Flammability	Reactivity	Other
HMIS	2	0	0	
NFPA	2	0	0	

**16. OTHER INFORMATION**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).