

Masterline Polymer Transport System

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Masterline – Polymer Transpot Sysytem
Product code : P747

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : ADJUVANT

1.3. Details of the supplier of the safety data sheet

CleanPak Products LLC.
5408 N 59th St.
Tampa, FL 33610
T 813-740-8611 - F 813-740-8218
admin@cleanpakproducts.com - www.cleanpakproducts.com

1.4. Emergency telephone number

Emergency number : 1-800-535-5053
InfoTrac

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Remove the victim into fresh air.
First-aid measures after skin contact : Rinse with water.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.
First-aid measures after ingestion : Drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : EXTINGUISHING MEDIA FOR SURROUNDING FIRES:

Masterline Polymer Transport System

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

Maximum storage period : < 2 year
Storage temperature : 1 - 49 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

E3 EXPANDER - Chemical Application Formula	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : clear
Odor : Almost odourless
Odor threshold : No data available
pH : 5 - 6
pH solution : 6 - 7
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapor pressure : No data available

Masterline Polymer Transport System

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Relative vapor density at 20 °C	: No data available
Specific gravity	: 1.01 - 1.02
Solubility	: Soluble in water. Water: Solubility in water of component(s) of the mixture : • :
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Acute oral toxicity Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. For this family of materials: LD50, Rat, male, > 5,000 mg/kg Acute dermal toxicity Prolonged skin contact is unlikely to result in absorption of harmful amounts. For this family of materials: LD50, Rabbit, male, > 5,000 mg/kg Acute inhalation toxicity No adverse effects are anticipated from single exposure to mist. For this family of materials: LC50, Rat, males, 1 hrs, dust/mist, > 15.23 mg/l No deaths occurred at this concentration.
Skin corrosion/irritation	: Brief contact is essentially nonirritating to skin. Prolonged contact may cause slight skin irritation with local redness.
Serious eye damage/irritation	: Not classified pH: 5 – 6 May cause slight temporary eye irritation. Corneal injury is unlikely.
Respiratory or skin sensitization	: Did not cause allergic skin reactions when tested in humans. Did not cause allergic skin reactions when tested in guinea pigs. For respiratory sensitization: No relevant information found.

Masterline Polymer Transport System

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Germ cell mutagenicity	: Not classified. In vitro genetic toxicity studies were predominantly negative.
Carcinogenicity	: Not classified. No relevant information found.
Reproductive toxicity	: Not classified. No relevant information found.
Specific target organ toxicity (single exposure)	: Not classified. No relevant information found.
Specific target organ toxicity (repeated exposure)	: Not classified. No relevant information found.
Aspiration hazard	: Not classified. No relevant information found.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity to fish

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

For this family of materials:

LC50, Lepomis macrochirus (Bluegill sunfish), 96 hrs, > 1,000 mg/l

For this family of materials:

LC50, Oncorhynchus mykiss (rainbow trout), 96 hrs, > 100 mg/l

For this family of materials:

LC50, Rainbow trout (Salmo gairdneri), 96 hrs, > 1,000 mg/l

Acute toxicity to aquatic invertebrates

For this family of materials:

EC50, water flea Daphnia magna, 48 hrs, > 100 mg/l

Acute toxicity to algae/aquatic plants

For this family of materials: Growth rate EC50, Selenastrum capricornutum (green algae), 72 hrs, Growth rate, > 1,000 mg/l, OECD Test Guideline 201

Toxicity to bacteria

For this family of materials:

EC50, activated sludge, 3 Hour, Respiration rates., > 100 mg/l, OECD Test Guideline 209

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Masterline Polymer Transport System

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

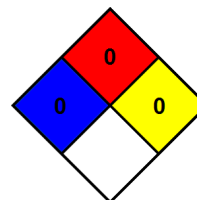
15.2.2. National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

NFPA health hazard	: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating	
Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 0 Minimal Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: A

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product