
Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

MiraSTOP PF

Product Use

Polyurethane Grout Pump Cleaner

Restrictions on Use

For industrial use only.

Phone Numbers:

Medical Emergency

CHEMTREC (USA): 800-424-9300

MSDS Assistance: 972-442-6545

Technical Assistance: 888-229-2199

Customer Service: 888-229-0199

Manufacturer Information

Carlisle Coatings and Waterproofing, Inc.

900 Hensley Lane

Wylie, TX 75098

www.carlisleccw.com

Section 2 - HAZARDS IDENTIFICATION

Classification of the substance of mixture

No GHS hazards

GHS Label Elements

The product does not require a hazard warning label in accordance with GHS criteria.

Signal Word

None

Hazard Statement(s)

None.

Precautionary Statement(s)

INGESTION MAY CAUSE GASTRIC DISTURBANCES.

Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator.

Avoid contact with the skin, eyes and clothing.

Avoid inhalation of mists/vapors.

Wear safety glasses with side shields.

Wear chemical resistant protective gloves.

Wear protective clothing.

Store in a dry place.

Dispose of contents to an approved waste disposal site.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Safety Data Sheet

Material Name: MiraSTOP PF

Product #: 336095

CAS	Component Name	Percent
28553-12-0	Di-isononyl phthalate linear	95-100

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

Inhalation

Supply fresh air and consult a physician if breathing becomes difficult. Symptoms may be delayed for several hours.

Skin Contact

Flush skin with plenty of water. Do not use solvents or thinners. Remove contaminated clothing and shoes. Seek medical advice if irritation or rash occurs. Wash clothing before reuse.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses, if present. Seek medical attention if irritation persists.

Ingestion

If person is conscious, wash out mouth with water. Do not induce vomiting unless instructed to do so by a poison center or physician.

Information for Doctor

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water fog, foam, dry chemical or carbon dioxide.

Fire Fighting Measures

Standard. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray. Do not scatter material with high pressure water streams.

Hazardous Combustion Products

Carbon oxides and nitrogen oxides.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Provide plenty of fresh air. Avoid eye and skin contact. Avoid inhalation of vapors. Wear personal protective equipment. Remove or eliminate all ignition sources.

Safety Data Sheet

Material Name: MiraSTOP PF

Product #: 336095

Methods and Materials for Containment and Cleaning Up

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Small spills: Absorb with dry chemical absorbent, earth, sand or any other inert material. Large spills: Create a dike or trench to contain product. Follow same procedure as for a small spill.

Environmental Precautions

Do not allow product to reach ground water, bodies of water, or storm water or sewage systems..

Waste Disposal Method

Dispose in accordance with local, state and federal regulations.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

Conditions for Safe Storage, Including any Incompatibilities

Requirements to be met by storerooms and receptacles: Keep container tightly closed when not in use. Do not store in direct sunlight. Avoid UV light. Segregate from strong oxidizing agents.

Storage Temperatures: 4°C – 32°C (~40°F - ~90°F).

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Control

Use adequate ventilation

Respiratory Protection

None required in normal use.

Skin Protection

Wear chemical resistant protective clothing and footwear impervious to the product if there is a potential for skin contact.

Hand Protection

Glove(s): neoprene.

Eye Protection

Use safety goggles or face shield.

Other Protective Equipment

A safety shower and eye wash fountain should be readily available.

Work/Hygienic Practices

Wash hands before breaks and after work, and before eating, drinking or smoking.

At this time, the other constituents have no known exposure limits.

Safety Data Sheet

Material Name: MiraSTOP PF

Product #: 336095

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid	Odor	Mild
Color	Colorless	pH	7
Boiling Point	> 250°C (>480°F)	Water Solubility	< 0.1 mg/l
Solubility (quantitative)	No data available	Solubility (qualitative)	Soluble
Flash Point	> 93°C (>200°F) (closed cup)	Vapor point	<0.0001 mmHg at 25°C (77°F)
Flammability	Not flammable	Specific Gravity (water = 1) at 25°C	65 – 85 mPa.s (65 – 85 cps)
Auto ignition Temperature	370°C (698°F)	Lower Explosive Limit	No data available
Upper Explosive Limit	No data available		

Other Information

No further relevant information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

No applicable information available.

Corrosion to Metals

No corrosive effect on metal.

Oxidizing Properties

Based on its structural properties the product is not classified as oxidizing.

Hazardous Decomposition Products

Carbon oxides and nitrogen oxides.

Chemical Stability

Stable under normal temperatures and pressures. Keep away from heat sources.

Conditions to Avoid

No special precautions other than good housekeeping chemicals.

Hazardous Polymerization

Can be caused by elevated temperatures.

Incompatibilities

Strong oxidizing agents.

Section 11 - TOXICOLOGICAL INFORMATION

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes for entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute and Chronic Toxicity
Component Analysis - LD/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Di-isononyl phthalate

Dermal LD50 Rabbit >3000 mg/kg

Oral LD50 Rat >10000 mg/kg

Inhalation LC50 Rat >4.4 mg/l/4 hr

Component Carcinogenicity

28553-12-0	Di-isononyl phthalate
IARC:	Not regulated as a carcinogen.
NTP:	Not regulated as a carcinogen.
OSHA:	Not regulated as a carcinogen.

Section 12 - ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity

Di-isononyl phthalate	28553-12-0
Aquatic:	LC50/96 h zebra fish >100 mg/l EC50/24 h daphnia magna >500 mg/l LC50/14 d Eisenia foetida, soil dwelling organism >7300 mg/kg

Mobility in Soil

The substance will slowly evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected.

Section 13 - DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Safety Data Sheet

Material Name: MiraSTOP PF

Product #: 336095

Must be disposed of in a manner consistent with federal, state and local regulations. Do not discharge substance/product into sewer system.

Packaging Waste

Decontaminate and pass to an approved drum recycler or destroy and dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

UN/NA #: Not regulated

IATA Information:

UN/NA #: Not regulated

IMO Information:

UN/NA #: Not regulated

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan:

All components are on TSCA inventory.

RCRA Status

If discarded in its purchased form, this material is not a RCRA hazardous waste.

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer, reproductive/developmental effects

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State Regulations

PA

Di-isononyl phthalate	28553-12-0
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Safety Data Sheet

Material Name: MiraSTOP PF

Product #: 336095

Section 16 - OTHER INFORMATION

HMIS Rating

Health: *0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

NFPA Ratings

Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes

Revision Date: April 12, 2020

Revision Note: New

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do



Safety Data Sheet

Material Name: MiraSTOP PF

Product #: 336095

not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.