

SAFETY DATA SHEET

AML# TF25

An Employee-Owned Company

Issue Date 11-Aug-2014

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Version 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name

TRANSFILM® Anti-Transpirant

Other means of identification

Product Code Product Size PBI FP 8371126

2/2.5 U. S. Gal.

Recommended use of the chemical and restrictions on use

Recommended Use

Consumer use.

Uses advised against

No information available.

Details of the supplier of the safety data sheet

Supplier
PBI Gordon Corporation

Manufacturer

PBI Gordon Corporation

1217 West 12th Street

Kansas City, MO 64101

Emergency telephone number

Emergency Telephone

1217 West 12th Street

Kansas City, MO 64101

Chemtrec 1-800-424-9300

Company Name

PBI Gordon Corporation 1217 West 12th Street Kansas City, MO 64101

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2

Label elements

Emergency Overview

Warning

Hazard statements

Causes serious eye irritation. Suspected of causing cancer.



Appearance Suspension

Physical state Liquid

Odor Pleasant

Precautionary Statements - Prevention

- · Obtain special instructions before use
- · Do not handle until all safety precautions have been read and understood
- · Use personal protective equipment as required
- · Wash face, hands and any exposed skin thoroughly after handling
- · Wear eye/face protection

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

· Store locked up

Precautionary Statements - Disposal

· Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS. Number	Weight %
Diethanolamine	111-42-2	1

^{*} The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If

eye irritation persists: Get medical advice/attention.

Skin Contact Take off contaminated clothing. Shower and wash with soap and water. If skin irritation

persists, call a physician. Wash contaminated clothing before reuse.

Inhalation Remove to fresh air. If symptoms persist, call a physician.

Ingestion Call a physician or poison control center immediately.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth

or other non-combustible absorbent material. Take up mechanically, placing in appropriate

containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin and eyes. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Do not contaminate food or feed stuffs. Do not reuse container.

Incompatible materials Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethanolamine	TWA: 1 mg/m³ inhalable fraction	(vacated) TWA: 3 ppm	TWA: 3 ppm
111-42-2	and vapor	(vacated) TWA: 15 mg/m ³	TWA: 15 mg/m ³
	S*		

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992).

Appropriate engineering controls

Engineering ControlsLocal and General Ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Clean full cover clothing is sufficient under normal exposure. Rubber gloves. Protective

shoes or boots.

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Pleasant

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor

Remarks • Method

Information on basic physical and chemical properties

Physical state Liquid Appearance Susper

Appearance Suspension Color Milky white

Color Milky white Odor threshold No information available

Property Values
pH 9.0-10.0
Melting point/freezing point <35 °F

Boiling point / boiling range = 104 °C / 220 °F Flash point > 104 °C / > 220 °F Evaporation rate < 1

Flammability (solid, gas)

Flammability Limit in Air

No information available

Upper flammability limit:No information availableLower flammability limit:No information available

Vapor pressure <17 mm Hg Vapor density >1 Specific Gravity 0.98429

Water solubility

Solubility in other solvents

Partition coefficient

Autoignition temperature

Decomposition temperature

Oxidizing properties

Completely soluble

No information available
No information available
No information available

Other Information

Density 8.2 pounds/gallon

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Will not occur.

Conditions to avoid

Keep out of reach of children.

Incompatible materials

Acids.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation May cause irritation of respiratory tract.

Eye contact

Contact with eyes may cause irritation. May cause burns.

Skin Contact

May cause irritation.

Ingestion

May cause irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
	= 0.62 mL/kg (Rat) = 620 µL/kg (= 7640 μL/kg (Rabbit)	-
111-42-2	Rat)		

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization Germ cell mutagenicity No information available.

Carcinogenicity

No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Diethanolamine	A3	Group 2B		X
111-42-2				

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure

No information available. No information available. No information available.

Target Organ Effects
Aspiration hazard

Eyes, Respiratory system, Skin. No information available.

Numerical measures of toxicity - Product Information

Unknown Toxicity

17 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)

41350 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects

17% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Diethanolamine	7.8: 72 h Desmodesmus	4460 - 4980: 96 h	EC50 = 73 mg/L 5 min	55: 48 h Daphnia magna
111-42-2	subspicatus mg/L EC50 2.1 -	Pimephales promelas mg/L	EC50 > 16 mg/L 16 h	mg/L EC50
	2.3: 96 h	LC50 flow-through 1200 -		
	Pseudokirchneriella	1580: 96 h Pimephales		
	subcapitata mg/L EC50	promelas mg/L LC50 static		
	1	600 - 1000: 96 h Lepomis		
		macrochirus mg/L LC50		
		static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated packagingDo not reuse container, unless specified by the manufacturer.

14. TRANSPORT INFORMATION

DOT

DescriptionThe following guidelines apply for domestic ground transport. If shipping by air or ocean,

please contact our Transportation Dept.

ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS, LIQUID - NMFC #4610

In our current available sizes, this product does not qualify as a Hazardous Material.

15. REGULATORY INFORMATION

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

International Inventories

TSCA Listed **DSL/NDSL** Listed **EINECS/ELINCS** Not Listed **ENCS** Not Listed **IECSC** Listed **KECL** Not Listed **PICCS** Listed **AICS** Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Diethanolamine	Х	Χ		X		Х	Х	Х	Х	Х

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Diethanolamine - 111-42-2	1.0

SARA 311/312 Hazard Categories

Acute health hazard No Chronic Health Hazard Nο Fire hazard Nο Sudden release of pressure hazard No Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Diethanolamine	100 lb		RQ 100 lb final RQ
111-42-2			RQ 45.4 kg final RQ

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diethanolamine	X	X	X
111-42-2			W 8

International Regulations

Mexico - Grade

Slight risk, Grade 1

16. OTHER INFORMATION						
NFPA	Health hazards 0	Flammability 1	Instability 0	Physical and Chemical Properties -		

HMIS

Health hazards 0

Flammability 1

Physical hazards 0

Personal protection X

Disclaimer

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End of Safety Data Sheet