

SECTION 1: Identification

1.1. Product identifier

Product form	: Mixture
Product name	: PR-1576
Product code	: PR-1576
Synonyms	: Adhesion promoter
Product group	: Commercial product

1.2. Recommended use and restrictions on use

Recommended use	: Water-borne coatings (WB), Leather tanning, dye, finishing, impregnation and care products.
Restrictions on use	: Product for industrial use only

1.3. Supplier

Quaker Color Division of McAdoo & Allen, Inc.
201 S. Hellertown Avenue
Quakertown, PA 18951
USA
T +1-215-536-3520
rd@quakercolor.com - www.QuakerColor.com

1.4. Emergency telephone number

Emergency number	: For Chemical Emergency Call PERS 24hr/day 7days/week Within USA and Canada: 1-800-633-8253 Outside USA and Canada: 1-801-629-0667
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SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
Full text of H statements : see section 16		

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA)



Signal word (GHS CA)

: Warning

Hazard statements (GHS CA)

: H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (GHS CA)

: P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective clothing, eye and face protection, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Triethylamine	Triethylamine (Diethylamino)ethane / Ethanamine, N,N-diethyl- / N,N-Diethylethanamine / TRIETHYLAMINE	CAS-No.: 121-44-8	≥ 1 – < 5	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapor), H331 Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Acute 2, H401

Full text of hazard classes and H-statements : see section 16

***Chemical name, CAS number and/or exact concentration have been withheld as CBI**

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : 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.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Water fog.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : None.

5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO₂). Nitrogen oxides.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Technical measures : Stir product before use.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from freezing. Store in a well-ventilated place. Keep cool.
Incompatible products : Strong oxidizing agents.
Special rules on packaging : Protect from freezing.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Triethylamine (121-44-8)

Canada (New Brunswick) - Occupational Exposure Limits

OEL TWA	4.1 mg/m ³
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Triethylamine (121-44-8)	
	1 ppm
OEL STEL	12 mg/m ³
	3 ppm
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	100 mg/m ³
	25 ppm
OEL STEL	150 mg/m ³
	40 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves. Chemically resistant protective gloves

Eye protection:

Safety glasses. Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Clear to slightly hazy liquid.
Color : Colorless to Off-White
Odor : None
Odor threshold : No data available
pH : 7.7
Relative evaporation rate (butyl acetate=1) : No data available
Relative evaporation rate (ether=1) : No data available

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Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 100 °C Estimated
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 0.99
Density	: 8.28 lb/gal
Solubility	: Dispersible in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: 314.465 mm²/s
Viscosity, dynamic	: 312 cP
Explosive properties	: Not explosive.
Oxidizing properties	: Not oxidizing.
Explosion limits	: No data available

9.2. Other information

VOC content	: < 10 %
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SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Do not freeze. Avoid excessive heat.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Triethylamine (121-44-8)	
LD50 oral rat	460 mg/kg
LD50 dermal rabbit	415 mg/kg
LC50 Inhalation - Rat	14.5 mg/l (Exposure time: 1 h)
ATE CA (oral)	460 mg/kg body weight
ATE CA (Dermal)	415 mg/kg body weight
ATE CA (vapors)	3 mg/l/4h
ATE CA (dust,mist)	14.5 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. pH: 7.7
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Serious eye damage/irritation	: Causes serious eye irritation. pH: 7.7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Triethylamine (121-44-8)

LOAEC (inhalation, rat, dust/mist/fume, 90 days)	1.02 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
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Aspiration hazard	: Not classified
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Viscosity, kinematic	314.465 mm ² /s
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Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

Triethylamine (121-44-8)

LC50 - Fish [1]	43.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	200 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	8 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Fresh water, Experimental value, Growth rate)
EC50 72h - Algae [2]	6.8 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	7.1 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
BCF - Fish [1]	< 4.9
Partition coefficient n-octanol/water (Log Pow)	1.45
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
LOEC (chronic)	14 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'

12.2. Persistence and degradability

Triethylamine (121-44-8)

Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	< 0.001 g O ₂ /g substance
Chemical oxygen demand (COD)	1 g O ₂ /g substance

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12.3. Bioaccumulative potential

Triethylamine (121-44-8)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF - Fish [1]	< 4.9
Partition coefficient n-octanol/water (Log Pow)	1.45
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2 (log Koc, SRC PCKOCWIN v1.66, Calculated value)

12.4. Mobility in soil

Triethylamine (121-44-8)	
Surface tension	20.05 mN/m (25 °C)
Ecology - soil	Low potential for adsorption in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	1.45

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

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14.6. Special precautions for user

TDG

No data available

DOT

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Triethylamine (121-44-8)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

TSCA	DSL	NDSL	EC	ECL	TCSI	IECSC	ENCS	NZIoC	PICCS	INSQ	HSIS
X											

No additional information available

SECTION 16: Other information

Issue date : 04-02-2026

Full text of hazard classes and H-statements:

H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H401	Toxic to aquatic life

Quaker Color SDS CA

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.