

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : PRO-FIT CLEAR
 Product code : 669
 Formula : C14H15NO5
 Synonyms : PAP

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Bleaching agents
 Cleaning/washing agents and additives
 Restrictions on use : For professional use only

1.3. Supplier

Distributor

Cole & Wilson, LLC
 100 Laurel Street, Ste 120
 East Bridgewater, MA 02333, USA
 T +1 281 231 2805 - F +1 617 687 5888
www.coleandwilson.com

1.4. Emergency telephone number

Chemtrec: 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Serious eye damage/eye irritation Category 1 Causes serious eye damage

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Danger
 Hazard statements (GHS-US) : Causes serious eye damage
 Precautionary statements (GHS-US) : Wear eye protection, face protection.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a doctor, a POISON CENTER

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
6-(phthalimido)peroxyhexanoic acid	(CAS-No.) 128275-31-0	<= 17
1,1-Hydroxy-ethyliden diphosphonic acid disodium salt	(CAS-No.) 7414-83-7	<= 2

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

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : In case of doubt or persistent symptoms, consult always a physician.
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth out with water. Call a poison center/doctor/physician if you feel unwell.

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

- Symptoms/injuries after eye contact : Redness. Lacrimation. Swelling. Serious damage to eyes.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : All extinguishing agents can be used. Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : None.

5.2. Specific hazards arising from the chemical

- Reactivity : On exposure to temperature rise: oxidation which increases fire hazard.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Concerning personal protective equipment to use, see item 8.
- Emergency procedures : Avoid contact with skin and eyes. Ventilate spillage area.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment.
- Emergency procedures : Liquid material is slippery.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat. Keep away from sources of ignition. Keep away from : Incompatible materials. Never return unused material to original container. Avoid contact with skin and eyes. Wear personal protective equipment.
- Handling temperature : < 50°C
- Hygiene measures : 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 : Keep only in the original container in a cool well ventilated place.
- Incompatible materials : Copper (Cu).
- Packaging materials : stainless steel. HDPE. glass.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

6-(phthalimido)peroxyhexanoic acid (128275-31-0)

Not applicable

1,1-Hydroxy-ethyliden diphosphonic acid disodium salt (7414-83-7)

Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls : Does not require any specific or particular technical measures. 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:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No personal breathing protective equipment is normally required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: white
Odor	: None
Odor threshold	: No data available
pH	: 3.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1050 ± 50 kg/m ³
Solubility	: Water: Soluble
Log Pow	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: > 80 °C
Viscosity	: 700 mPa.s
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available

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Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

On exposure to temperature rise: oxidation which increases fire hazard.

10.2. Chemical stability

No decomposition if stored normally.

10.3. Possibility of hazardous reactions

Contact with combustible material may cause fire.

10.4. Conditions to avoid

Direct sunlight. High temperatures.

10.5. Incompatible materials

Never mix with other materials. The product may generate toxic gases by contact with carbamates, dithiocarbamates, nitriles, mercaptans and other organic and inorganic sulphides.

10.6. Hazardous decomposition products

Flammable aerosols are released caused by thermal decomposition.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

6-(phthalimido)peroxyhexanoic acid (128275-31-0)

LD50 oral rat	2550 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	2550 mg/kg body weight

1,1-Hydroxy-ethyliden diphosphonic acid disodium salt (7414-83-7)

ATE US (oral)	500 mg/kg body weight
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Skin corrosion/irritation : Not classified

pH: 3.5

Serious eye damage/irritation : Causes serious eye damage.

pH: 3.5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after eye contact : Redness. Lacrimation. Swelling. Serious damage to eyes.

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.

6-(phthalimido)peroxyhexanoic acid (128275-31-0)

LC50 fish 1	0.4 mg/l (Brachydanio rerio)
EC50 Daphnia 1	17.6 mg/l
ErC50 (algae)	2.6 mg/l

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6-(phthalimido)peroxyhexanoic acid (128275-31-0)

NOEC chronic fish	0.1 mg/l
NOEC chronic algae	0.3 mg/l

12.2. Persistence and degradability

6-(phthalimido)peroxyhexanoic acid (128275-31-0)

Persistence and degradability	Biodegradable.
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12.3. Bioaccumulative potential

PRO-FIT CLEAR

Bioaccumulative potential	No bioaccumulation.
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6-(phthalimido)peroxyhexanoic acid (128275-31-0)

Bioaccumulative potential	No bioaccumulation.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

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

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

6-(phthalimido)peroxyhexanoic acid (128275-31-0)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

1,1-Hydroxy-ethyliden diphosphonic acid disodium salt (7414-83-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

6-(phthalimido)peroxyhexanoic acid (128275-31-0)

Listed on the Canadian DSL (Domestic Substances List)

1,1-Hydroxy-ethyliden diphosphonic acid disodium salt (7414-83-7)

Listed on the Canadian NDSL (Non-Domestic Substances List)

EU-Regulations

No additional information available

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National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

Revision date : 04/17/2018

Other information : It is recommended to pass the information of this safety data sheet in an appropriate form to the users. Such information is actually the best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other products.

This safety data sheet is in compliance with 1907/2006/EEC. It is user's liabilities to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

Indication of changes:

Section	Changed item	Change	Comments
1		Modified	
2		Modified	
3		Modified	
4		Modified	
5		Modified	
6		Modified	
11		Modified	
12.		Modified	
15		Modified	

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