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

1.1 Product identifier
- Trade name: EURECO™ RP103
- Chemical name: 6-(Phthalimido) peroxyhexanoic acid particles
- Synonyms: PAP

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

Uses of the Substance / Mixture
- Agriculture industry
- Bleaching agents
- Cleaning agent
- Disinfectants
- Chemical industry
- Cosmetics
- Dental application
- Detergent
- Domestic use
- Water treatment
- Oxidizing agents

1.3 Details of the supplier of the safety data sheet

Company
SOLVAY CHEMICALS, INC.
3737 Buffalo Speedway,
Suite 800,
Houston, TX 77098
USA
Tel: +1-800-7658292; +1-713-5256800
Fax: +1-713-5257804

1.4 Emergency telephone

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CONTACT CHEMTREC (24-Hour Number): 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

SECTION 2: Hazards identification

Although OSHA has not adopted the environmental portion of the GHS regulations, this document may include information on environmental effects.

2.1 Classification of the substance or mixture

HCS 2012 (29 CFR 1910.1200)

Organic peroxides, Type G
Skin irritation, Category 2
Serious eye damage, Category 1

H315: Causes skin irritation.
H318: Causes serious eye damage.
2.2 Label elements

HCS 2012 (29 CFR 1910.1200)

Pictogram

Signal Word
- Danger

Hazard Statements
- H315 Causes skin irritation.
- H318 Causes serious eye damage.

Precautionary Statements

Prevention
- P264 Wash skin thoroughly after handling.
- P280 Wear protective gloves/eye protection/face protection.

Response
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.

2.3 Other hazards which do not result in classification

- H400: Very toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.
- None known.
- Oxidizing
- Contact with combustible material may cause fire.
- Risk of serious damage to eyes.
- Very toxic to aquatic organisms.

SECTION 3: Composition/information on ingredients

3.1 Substance
- Not applicable, this product is a mixture.

3.2 Mixture
- Synonyms PAP
**Hazardous Ingredients and Impurities**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Identification number</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-(Phthalimido) peroxyhexanoic acid</td>
<td>128275-31-0</td>
<td>&gt;= 70 - &lt; 80</td>
</tr>
<tr>
<td>Sulfonic acids, C14-17-sec-alkane, sodium salts</td>
<td>97489-15-1</td>
<td>&gt;= 10 - &lt; 15</td>
</tr>
<tr>
<td>1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate</td>
<td>5949-29-1</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>Cellulose</td>
<td>9004-34-6</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

**SECTION 4: First aid measures**

4.1 Description of first-aid measures

**General advice**
- Show this material safety data sheet to the doctor in attendance.

**In case of inhalation**
- Move to fresh air.
- If symptoms persist, call a physician.

**In case of skin contact**
- Wash off with soap and water.
- If symptoms persist, call a physician.

**In case of eye contact**
- Call a physician or poison control center immediately.
- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- In the case of difficulty of opening the lids, administer an analgesic eye wash (oxybuprocaine).
- Take victim immediately to hospital.

**In case of ingestion**
- If swallowed, rinse mouth with water (only if the person is conscious).
- Do NOT induce vomiting.
- If symptoms persist, call a physician or Poison Control Center immediately.
- If victim is unconscious:
  - Artificial respiration and/or oxygen may be necessary.
- If victim is conscious:
  - If swallowed, rinse mouth with water (only if the person is conscious).
  - Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

**In case of eye contact**

- **Symptoms**
  - Redness
  - Lachrymation
  - Swelling of tissue
Effects
- Corrosive
- Causes severe burns.
- Small amounts splashed into eyes can cause irreversible tissue damage and blindness.

In case of skin contact
Symptoms
- Redness
- Swelling of tissue

Effects
- Prolonged skin contact may cause skin irritation.

In case of ingestion
Symptoms
- Nausea
- Abdominal pain
- Vomiting
- Diarrhea

Effects
- Ingestion may cause irritation to mucous membranes.

In case of inhalation
Effects
- May cause nose, throat, and lung irritation.
  Repeated or prolonged exposure
- Risk of sore throat, nose bleeds

4.3 Indication of any immediate medical attention and special treatment needed
Notes to physician
- Take victim immediately to hospital.
- Oxygen or artificial respiration if needed.
- Consult with an ophthalmologist immediately in all cases.

SECTION 5: Firefighting measures

Flash point
Not applicable

Autoignition temperature
No data available

Flammability / Explosive limit
No data available

5.1 Extinguishing media
Suitable extinguishing media
- Water
- Water spray
- powder
- Foam
- Carbon dioxide (CO2)

Unsuitable extinguishing media
5.2 Special hazards arising from the substance or mixture

- Oxygen released in thermal decomposition may support combustion.
- Contact with combustible material may cause fire.
- Risk of dust explosion.
- Oxidizing
- Contact with flammables may cause fire or explosions.

5.3 Advice for firefighters

**Special protective equipment for fire-fighters**

- In the event of fire, wear self-contained breathing apparatus.
- Fire fighters must wear fire resistant personnel protective equipment.

### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid dust formation.
- Sweep up to prevent slipping hazard.
- Refer to protective measures listed in sections 7 and 8.
- Keep away from open flames, hot surfaces and sources of ignition.

**Advice for non-emergency personnel**

- Avoid dust formation.
- Evacuate personnel to safe areas.

**Advice for emergency responders**

- Sweep up to prevent slipping hazard.
- Prevent further leakage or spillage if safe to do so.
- Keep away from incompatible products.
- Use personal protective equipment.

6.2 Environmental precautions

- Should not be released into the environment.
- Discharge into the environment must be avoided.
- Do not flush into surface water or sanitary sewer system.
- In case of accidental release or spill, immediately notify the appropriate authorities if required by Federal, State/Provincial and local laws and regulations.

6.3 Methods and materials for containment and cleaning up

- Avoid dust formation.
- Do not add chemical products.
- Keep in properly labeled containers.
- Keep in suitable, closed containers for disposal.
- Never return spills in original containers for re-use.
- Do not mix waste streams during collection.
- Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

- Refer to protective measures listed in sections 7 and 8.
SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Keep away from heat and sources of ignition.
- Carry out all operations in closed piping circuits and equipment.
- Handle small quantities under a lab hood.
- Use electrically conductive materials for piping circuits and equipment.
- Never return unused material to storage receptacle.
- Containers and equipment used to handle the product should be used exclusively for that product.
- Prevent product vapors decomposition from contacting hot spots.
- Keep at temperature not exceeding 50°C
- Keep away from incompatible products

Hygiene measures

- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.
- Use only in an area equipped with a safety shower.
- Eye wash bottle with pure water
- Ensure that eyewash stations and safety showers are close to the workstation location.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

- Keep only in the original container.
- Store in a well-ventilated place. Keep cool.
- Keep in properly labeled containers.
- Keep container closed.
- Keep away from direct sunlight.
- Keep away from combustible material.
- Regularly check the condition and temperature of the containers.
- The container must be used exclusively for the product.
- Keep away from incompatible products

Packaging material

Suitable material
- Stainless steel
- Plastic materials.
- glass

Unsuitable material
- copper

7.3 Specific end use(s)

- Contact your supplier for additional information
### SECTION 8: Exposure controls/personal protection

**Introductory Remarks:** These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

#### 8.1 Control parameters

**Components with workplace occupational exposure limits**

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Value type</th>
<th>Value</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-(Phthalimido) peroxyhexanoic acid</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Solvay Acceptable Exposure Limit</td>
</tr>
<tr>
<td>Cellulose</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>Cellulose</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>Form of exposure: Respirable</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Cellulose</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>Form of exposure: total</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cellulose</td>
<td>TWA</td>
<td>15 mg/m³</td>
<td>Occupational Safety and Health Administration - Table Z-1 Limits for Air Contaminants</td>
</tr>
<tr>
<td>Form of exposure: total dust</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cellulose</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Occupational Safety and Health Administration - Table Z-1 Limits for Air Contaminants</td>
</tr>
<tr>
<td>Form of exposure: respirable fraction</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Cellulose</td>
<td>PEL</td>
<td>10 mg/m³</td>
<td>Occupational Safety and Health Administration - Table Z-1 Limits for Air Contaminants</td>
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<tr>
<td>Form of exposure: Total dust</td>
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<td>5 mg/m³</td>
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<tr>
<td>Form of exposure: respirable dust fraction</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The concentration and percentage of the particulate used for this limit are determined from the fraction passing a size selector with the following characteristics:

- Diameter in Micrometers (unit density sphere):
  - 100: 1
  - 91: 3
  - 74: 4
  - 50: 5
  - 30: 6
  - 17: 7
  - 9: 8
  - 5: 10
  - 1: 1
8.2 Exposure controls

**Control measures**

**Engineering measures**
- Provide appropriate exhaust ventilation at places where dust is formed.
- Apply technical measures to comply with the occupational exposure limits.
- Refer to protective measures listed in sections 7 and 8.

**Individual protection measures**

**Respiratory protection**
- Use NIOSH approved respiratory protection.
- Respirator with combination filter for vapor/particulate (EN 141)
- Use only respiratory protection that conforms to international/national standards.
- Effective dust mask

**Hand protection**
- Wear suitable gloves.
  **Suitable material**
  - PVC
  - Neoprene
  - Natural Rubber

**Eye protection**
- Dust proof goggles obligatory.

**Skin and body protection**
- Wear suitable protective clothing.
  - Boots
  - Apron
  - Suitable material
  - Natural Rubber

**Hygiene measures**
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.
- Use only in an area equipped with a safety shower.
- Eye wash bottle with pure water
- Ensure that eyewash stations and safety showers are close to the workstation location.

---

**SECTION 9: Physical and chemical properties**

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product information phone number in Section 1 for its exact specifications.

**9.1 Information on basic physical and chemical properties**

**Appearance**
- Form: powder
- Physical state: solid
- Color: white

**Odor**
characteristic
Odor Threshold
- No data available

pH
- 4.1 (1 % (m/v)) suspension

Melting point/freezing point
- No data available

Initial boiling point and boiling range
- No data available

Flash point
- Not applicable

Evaporation rate (Butylacetate = 1)
- Not applicable

Flammability (solid, gas)
- Not applicable

Flammability / Explosive limit
- Explosiveness: Not explosive, Risk of dust explosion.

Autoignition temperature
- No data available

Vapor pressure
- No data available

Vapor density
- No data available

Density
- No data available

Relative density
- No data available

Solubility
- Water solubility: dispersible

Partition coefficient: n-octanol/water
- No data available

Decomposition temperature
- > 167 °F (> 75 °C)

Viscosity
- Viscosity, dynamic: Not applicable

Explosive properties
- No data available

Oxidizing properties
- Organic peroxide

9.2 Other information
- No data available

Peroxides
- The substance or mixture is an organic peroxide classified as type G.

SECTION 10: Stability and reactivity

10.1 Reactivity
10.2 Chemical stability
- Stable under recommended storage conditions.
- Chemically very reactive

10.3 Possibility of hazardous reactions
- Contact with combustible material may cause fire.

10.4 Conditions to avoid
- 50°C
- To avoid thermal decomposition, do not overheat.
- Keep away from direct sunlight.
- Avoid dust formation.

10.5 Incompatible materials
- Acids
- Heavy metal salts
- Reducing agents
- Organic materials
- Flammable materials
- mercaptans.
- Nitriles
- Carbamates
- Sulfides
- Copper alloys
- Nitrides
- Dithiocarbamates

10.6 Hazardous decomposition products
- Oxygen
- Flammable aerosols
- The release of other hazardous decomposition products is possible.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity
6-(Phthalimido) peroxyhexanoic acid  
LD50 : 2,550 mg/kg - Rat , male and female  
Method: OECD Test Guideline 401  
The product has a low acute toxicity  
Unpublished internal reports

Cellulose  
LD50 : > 5,000 mg/kg - Rat  
Not classified as hazardous for acute oral toxicity according to GHS.  
Published data
### Acute Inhalation Toxicity

**Cellulose**  
LC50 - 4 h : > 5.5 mg/l - Rat  
Not classified as hazardous for acute inhalation toxicity according to GHS. Published data

### Acute Dermal Toxicity

**6-(Phthalimido) peroxyhexanoic acid**  
LD50 : > 2,000 mg/kg - Rat, male and female  
Method: OECD Test Guideline 402  
Not classified as hazardous for acute dermal toxicity according to GHS.  
No mortality observed at this dose.  
Unpublished internal reports

**Cellulose**  
LD50 : > 2,000 mg/kg - Rabbit  
Not classified as hazardous for acute dermal toxicity according to GHS.  
Published data

### Acute Toxicity (Other Routes of Administration)

No data available

### Skin Corrosion/Irritation

**6-(Phthalimido) peroxyhexanoic acid**  
Rabbit  
Not classified as irritating to skin  
Method: OECD Test Guideline 404  
Unpublished internal reports

**Sulfonic acids, C14-17-sec-alkane, sodium salts**  
Skin irritation

### Serious Eye Damage/Eye Irritation

**6-(Phthalimido) peroxyhexanoic acid**  
Rabbit  
Risk of serious damage to eyes.  
Method: OECD Test Guideline 405  
Unpublished internal reports

**Sulfonic acids, C14-17-sec-alkane, sodium salts**  
Risk of serious damage to eyes.  
Method: OECD Test Guideline 405

### Respiratory or Skin Sensitization

**6-(Phthalimido) peroxyhexanoic acid**  
Maximization Test - Guinea pig  
Does not cause skin sensitization.  
Method: OECD Test Guideline 406  
Unpublished internal reports
Mutagenicity

Genotoxicity in vitro
6-(Phthalimido) peroxyhexanoic acid
Ames test with and without metabolic activation
negative
Method: OECD Test Guideline 471
Unpublished internal reports

Chromosome aberration test in vitro
Strain: Human lymphocytes with and without metabolic activation
negative
Method: OECD Test Guideline 473
Unpublished internal reports

Genotoxicity in vivo
6-(Phthalimido) peroxyhexanoic acid
In vivo micronucleus test - Mouse male and female
Oral
Method: OECD Test Guideline 474
negative
Gavage
Unpublished internal reports

UDS test - Rat male
Oral
Method: OECD Test Guideline 486
negative
Gavage
Unpublished internal reports

Carcinogenicity
No data available

This product does not contain any ingredient designated as probable or suspected human carcinogens by:
- NTP
- IARC
- OSHA

Toxicity for reproduction and development

Toxicity to reproduction / fertility
6-(Phthalimido) peroxyhexanoic acid
By analogy

Two-generation reproductive toxicity - Rat, male and female
Oral
Fertility NOAEL Parent: 30 mg/kg
OECD Test Guideline 416
The product is not considered to affect fertility., Unpublished internal reports

Developmental Toxicity/Teratogenicity
6-(Phthalimido) peroxyhexanoic acid

By analogy

General Toxicity
Maternal NOAEL: 50 mg/kg
Teratogenicity NOAEL: 100 mg/kg
The product is not considered to be teratogenic. Unpublished internal reports

**STOT**

**STOT-single exposure**

6-(Phthalimido) peroxyhexanoic acid

The substance or mixture is not classified as specific target organ toxicant, single exposure according to GHS criteria.

**STOT-repeated exposure**

6-(Phthalimido) peroxyhexanoic acid

The substance or mixture is not classified as specific target organ toxicant, repeated exposure according to GHS criteria.

6-(Phthalimido) peroxyhexanoic acid - Rat, male and female

NOAEL: 100 mg/kg
Method: OECD Test Guideline 407
Not considered to cause serious damage to health on repeated exposure
Unpublished internal reports

**Experience with human exposure**

No data available

**CMR effects**

**Mutagenicity**

6-(Phthalimido) peroxyhexanoic acid

Animal testing did not show any mutagenic effects.

**Aspiration toxicity**

6-(Phthalimido) peroxyhexanoic acid

Not applicable, No aspiration toxicity classification

**Further information**

No data is available on the product itself. Information refers to the main ingredient. Risk of serious damage to eyes.
SECTION 12: Ecological information

12.1 Toxicity

Aquatic Compartment

Acute toxicity to fish
6-(Phthalimido) peroxyhexanoic acid

LC50 - 96 h : 0.4 mg/l - Brachydianio rerio (zebrafish)
semi-static test
Analytical monitoring: yes

Method: OECD Test Guideline 203
Unpublished internal reports
Very toxic to fish.

NOEC - 96 h : 0.1 mg/l - Brachydianio rerio (zebrafish)

Acute toxicity to daphnia and other aquatic invertebrates.

6-(Phthalimido) peroxyhexanoic acid

EC50 - 48 h : 17.6 mg/l - Daphnia magna (Water flea)
static test
Analytical monitoring: yes
Method: OECD Test Guideline 202
Unpublished internal reports
Harmful to aquatic invertebrates.

Toxicity to aquatic plants

6-(Phthalimido) peroxyhexanoic acid

ErC50 - 72 h : 2.6 mg/l - Algae : Pseudokirchneriella subcapitata (Selenastrum capricornutum)
static test
Analytical monitoring: yes
Endpoint: Growth rate
Method: OECD Test Guideline 201
Unpublished internal reports
Very toxic to algae.

NOEC - 72 h : 0.30 mg/l - Algae : Pseudokirchneriella subcapitata (Selenastrum capricornutum)
static test
Analytical monitoring: yes
Endpoint: Growth rate
Method: OECD Test Guideline 201
Unpublished internal reports

Toxicity to microorganisms

No data available

Chronic toxicity to fish

No data available

Chronic toxicity to daphnia and other aquatic invertebrates.

No data available
Terrestrial Compartment

Toxicity to soil dwelling organisms
6-(Phthalimido) peroxyhexanoic acid
LC50: 491.69 mg/kg - 14 Days - Eisenia fetida (earthworms)
Method: OECD Test Guideline 207
Unpublished internal reports

Toxicity to terrestrial plants
6-(Phthalimido) peroxyhexanoic acid
EC50: - 14 Days - Avena sativa (oats)
Endpoint: Growth rate
Method: OECD Test Guideline 208
Unpublished internal reports

12.2 Persistence and degradability

Abiotic degradation
Stability in water
6-(Phthalimido) peroxyhexanoic acid
DT50: Half-life value: 38.9 h (25 °C)
Unpublished internal reports,

Physical- and photo-chemical elimination
No data available

Biodegradation

Biodegradability
6-(Phthalimido) peroxyhexanoic acid
The substance fulfills the criteria for ultimate aerobic biodegradability and ready biodegradability
Expert judgment

Degradability assessment
6-(Phthalimido) peroxyhexanoic acid
The product is considered to be rapidly degradable in the environment

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water
6-(Phthalimido) peroxyhexanoic acid
Not potentially bioaccumulable

Bioconcentration factor (BCF)
6-(Phthalimido) peroxyhexanoic acid
Not potentially bioaccumulable
Expert judgment

12.4 Mobility in soil

Adsorption potential (Koc)
6-(Phthalimido) peroxyhexanoic acid
Adsorption/Soil
Log Koc: 1.916
Unpublished internal reports
Known distribution to environmental compartments

No data available

12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

Ecotoxicity assessment

Acute aquatic toxicity
6-(Phthalimido) peroxyhexanoic acid Very toxic to aquatic life.

Chronic aquatic toxicity
6-(Phthalimido) peroxyhexanoic acid Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product Disposal
- Contact waste disposal services.
- If recycling is not practicable, dispose of in compliance with local regulations.
- Dilute with plenty of water.
- Neutralize with acid.
- In accordance with local and national regulations.
- Dispose of wastes in an approved waste disposal facility.
- Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Waste Code
- Environmental Protection Agency
- Hazardous Waste – NO

Advice on cleaning and disposal of packaging
- Where possible recycling is preferred to disposal or incineration.
- Clean container with water.
- Dispose of rinse water in accordance with local and national regulations.
- Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

SECTION 14: Transport information

Transportation status: IMPORTANT! Statements below provide additional data on listed transport classification. The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

DOT

14.1 UN number UN 3077
<table>
<thead>
<tr>
<th>14.2 Proper shipping name</th>
<th>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Phthalimidoperoxyhexanoic Acid)</th>
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<tbody>
<tr>
<td>14.3 Transport hazard class</td>
<td>9</td>
</tr>
<tr>
<td>Label(s)</td>
<td>9</td>
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<tr>
<td>14.4 Packing group</td>
<td>Packing group III</td>
</tr>
<tr>
<td>ERG No</td>
<td>171</td>
</tr>
<tr>
<td>14.5 Environmental hazards Marine pollutant</td>
<td>YES Marine Pollutant</td>
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### TDG

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<td>Label(s)</td>
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<td>YES</td>
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</table>

### IMDG

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<tr>
<td>14.2 Proper shipping name</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Phthalimidoperoxyhexanoic Acid)</td>
</tr>
<tr>
<td>14.3 Transport hazard class</td>
<td>9</td>
</tr>
<tr>
<td>Label(s)</td>
<td>9</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>14.4 Packing group</strong></td>
<td>Packing group</td>
</tr>
<tr>
<td></td>
<td>III</td>
</tr>
<tr>
<td><strong>14.5 Environmental hazards</strong></td>
<td>Marine pollutant</td>
</tr>
<tr>
<td></td>
<td>YES</td>
</tr>
<tr>
<td><strong>14.6 Special precautions for user</strong></td>
<td>EmS</td>
</tr>
<tr>
<td></td>
<td>F-A , S-F</td>
</tr>
<tr>
<td>For personal protection see section 8.</td>
<td></td>
</tr>
</tbody>
</table>

**IATA**

| **14.1 UN number** | UN 3077 |
| **14.2 Proper shipping name** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Phthalimidoperoxyhexanoic Acid) |
| **14.3 Transport hazard class** | 9 |
| Label(s): | 9 |
| **14.4 Packing group** | Packing group |
|  | III |
| Packing instruction (cargo aircraft) | 956 |
| Max net qty / pkg | 400.00 kg |
| Packing instruction (passenger aircraft) | 956 |
| Max net qty / pkg | 400.00 kg |
| **14.5 Environmental hazards** | YES |
| **14.6 Special precautions for user** | For personal protection see section 8. |

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transportation regulations for hazardous materials, it would be advisable to check their validity with your sales office.
## SECTION 15: Regulatory information

### 15.1 Notification status

<table>
<thead>
<tr>
<th>Inventory Information</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States TSCA Inventory</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Mexico INSQ (INSQ)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Canadian Domestic Substances List (DSL)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>New Zealand. Inventory of Chemical Substances</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Australia Inventory of Chemical Substances (AICS)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Japan. CSCL - Inventory of Existing and New Chemical Substances</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Korea. Korean Existing Chemicals Inventory (KECI)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>China. Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>EU. European Registration, Evaluation, Authorisation and Restriction of Chemical (REACH)</td>
<td>- If product is purchased from Solvay in Europe it is in compliance with REACH, if not please contact the supplier.</td>
</tr>
</tbody>
</table>

### 15.2 Federal Regulations

**US. EPA EPCRA SARA Title III**

**SARA HAZARD DESIGNATION SECTIONS 311/312 (40 CFR 370)**

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic peroxides</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion or irritation</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage or eye irritation</td>
<td></td>
</tr>
</tbody>
</table>

The categories not mentioned are not relevant for the product.

**Section 313 Toxic Chemicals (40 CFR 372.65)**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355)**

This material does not contain any components with a section 302 EHS TPQ.

**Section 302 Emergency Planning Extremely Hazardous Substance Reportable Quantity (40 CFR 355)**

This material does not contain any components with a SARA 302 RQ.

**Section 304 Emergency Release Notification Reportable Quantity (40 CFR 355)**

This material does not contain any components with a section 304 EHS RQ.

**US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)**

This material does not contain any components with a CERCLA RQ.
15.3 State Regulations

**US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**SECTION 16: Other information**

**NFPA (National Fire Protection Association) - Classification**

<table>
<thead>
<tr>
<th>Health</th>
<th>2 moderate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0 minimal</td>
</tr>
<tr>
<td>Instability or Reactivity</td>
<td>0 minimal</td>
</tr>
<tr>
<td>Special Notices</td>
<td>OX Oxidizer</td>
</tr>
</tbody>
</table>

**HMIS (Hazardous Materials Identification System (Paint & Coating)) - Classification**

<table>
<thead>
<tr>
<th>Health</th>
<th>2 moderate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0 minimal</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0 minimal</td>
</tr>
<tr>
<td>PPE</td>
<td>Determined by User; dependent on local conditions</td>
</tr>
</tbody>
</table>

**Further information**

- Product evaluated under the US GHS format.

**Date Prepared:** 01/29/2018

**Key or legend to abbreviations and acronyms used in the safety data sheet**

- PEL Permissible exposure limit
- TWA 8-hour, time-weighted average
- SAEL Solvay Acceptable Exposure Limit
- ACGIH American Conference of Governmental Industrial Hygienists
- OSHA Occupational Safety and Health Administration
- NTP National Toxicology Program
- IARC International Agency for Research on Cancer
- NIOSH National Institute for Occupational Safety and Health

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.