

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

Issue date: 05/08/2025 Version: 1.0



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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : IKAROS Parachute Rocket Illuminating  
Product code : 340200

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

##### Relevant identified uses

Main use category : Professional use, Consumer use  
Use of the substance/mixture : Pyrotechnic signal rocket

#### 1.3. Details of the supplier of the safety data sheet

Hansson PyroTech AB  
Köpingsvägen 35  
SE-711 31 Lindesberg  
Sweden  
Phone +46 58187250  
E-mail [info@hansson-pyrotech.com](mailto:info@hansson-pyrotech.com)  
Website [www.hansson-pyrotech.com](http://www.hansson-pyrotech.com)

#### 1.4. Emergency telephone number

| Region | Organisation                                                                                                | Emergency phone | Opening hours                            |
|--------|-------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------|
| US     | American Association of Poison Control Centers<br>- connects anyone in the US to their local poison center: | 1-800-222-1222  | Staffed 24 hours a day,<br>7 days a week |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to GHS

Expl. 1.3 H203  
Acute Tox. 5 (Oral) H303  
Eye Irrit. 2 H319

##### Adverse physicochemical, human health and environmental effects

Explosive; fire, blast or projection hazard. May be harmful if swallowed. Causes serious eye irritation.

#### 2.2. Label elements

##### Labelling according to GHS

Hazard pictograms



GHS01

Signal word : Danger  
Hazard statements : H203 - Explosive; fire, blast or projection hazard.  
Precautionary statements : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P234 - Keep only in original container.

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

P250 - Do not subject to grinding/shock/friction.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P370+P372+P380+P373 - In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.  
P401 - Store in accordance with local regulations on explosives.  
P503 - Refer to manufacturer/supplier for information on disposal/recovery/recycling.

### 2.3. Other hazards

The mixture does not contain substance(s) having endocrine disrupting properties to human or to the environment in concentrations equal to or greater than 0,1 %.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                  | Product identifier | %     | Classification                                                         |
|-----------------------|--------------------|-------|------------------------------------------------------------------------|
| Sodium nitrate        | CAS No.: 7631-99-4 | 31.37 | Ox. Sol. 3, H272<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319    |
| Potassium perchlorate | CAS No.: 7778-74-7 | 23.32 | Ox. Sol. 1, H271<br>Acute Tox. 4 (Oral), H302                          |
| Potassium nitrate     | CAS No.: 7757-79-1 | 3.07  | Ox. Sol. 2, H272<br>Acute Tox. 5 (Oral), H303<br>Aquatic Acute 1, H400 |
| Sulfur                | CAS No.: 7704-34-9 | 0.45  | Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412                         |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.  
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.  
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 : Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Contact with burning product can cause severe burns.  
May cause nausea and vomiting if swallowed.  
Causes serious eye irritation.  
May be mildly irritating to the skin and respiratory system.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Use foam, dry chemical, CO2 or mist early in the fire. Once the product is lit up, it is very difficult to extinguish.
- Unsuitable extinguishing media : Once the product is lit up, it is very difficult to extinguish with any extinguishing media.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : No fire hazard, but explosion risk in case of fire.
- Explosion hazard : Hazard class Expl. 1.3  
Explosive; fire, blast or projection hazard.
- Hazardous decomposition products in case of fire : Large quantities of explosion gases and heat.

#### 5.3. Advice for firefighters

- Firefighting instructions : Evacuate area. Move containers away from the fire area if this can be done without risk. Remove all sources of ignition. Do not fight fire when fire reaches explosives. Do not enter fire area without proper protective equipment, including respiratory protection.
- 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

- General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

##### For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

##### For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.
- Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

See also sections 8 and 13.

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Do not subject to grinding, shock, friction. Wear personal protective equipment. Avoid contact with skin and eyes.
- 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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Keep cool. Protect from sunlight.

#### 7.3. Specific end use(s)

See section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The product does not contain any substances with established occupational exposure limits for respiratory tract exposure.  
Reference: Occupational Safety and Health Administration

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation.

##### Personal protection equipment

The personal protective equipment must follow the OSHA regulations found in 29 CFR 1910.132 and should be selected on advice from the supplier of such equipment. The protective equipment recommended below are only suggestions, and should be selected on advice from the supplier of such equipment. The protection equipment's suitability and durability will depend on application.

##### Eye and face protection

Wear safety goggles if there is a risk of splash.

| Type                        | Standard                                                                                                                   |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Safety glasses, Face shield | ANSI/ISEA Z87.1-2020: American National Standard For Occupational And Educational Personal Eye And Face Protection Devices |

##### Skin protection

Wear suitable protective clothing

##### Hand protection

Protective gloves

| Type                               | Material           | Thickness (mm)    | Standard                                                                         |
|------------------------------------|--------------------|-------------------|----------------------------------------------------------------------------------|
| Disposable gloves, Reusable gloves | Leather or similar | No data available | ANSI/ISEA 105-2016 American National Standard For Hand Protection Classification |

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

### Respiratory protection

| Device                | Filter type    | Condition           | Standard |
|-----------------------|----------------|---------------------|----------|
| Mask with dust filter | Filter type P2 | If dust is produced | type N95 |

### Environmental exposure controls

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                 |                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------|
| Physical state                                  | : Solid                                                         |
| Colour                                          | : Not available                                                 |
| Appearance                                      | : Dark red plastic pipes with red plastic lid and orange label. |
| Odour                                           | : Not available                                                 |
| Odour threshold                                 | : Not available                                                 |
| Melting point                                   | : Not available                                                 |
| Freezing point                                  | : Not applicable                                                |
| Boiling point                                   | : Not available                                                 |
| Flammability                                    | : Not available                                                 |
| Explosive properties                            | : Explosive; fire, blast or projection hazard.                  |
| Lower explosion limit                           | : Not applicable                                                |
| Upper explosion limit                           | : Not applicable                                                |
| Flash point                                     | : Not applicable                                                |
| Auto-ignition temperature                       | : > 250 °C                                                      |
| Decomposition temperature                       | : Not available                                                 |
| pH                                              | : Not available                                                 |
| pH solution                                     | : Not available                                                 |
| Viscosity, kinematic                            | : Not applicable                                                |
| Solubility                                      | : insoluble in water.                                           |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                                                 |
| Vapour pressure                                 | : Not available                                                 |
| Vapour pressure at 50°C                         | : Not available                                                 |
| Density                                         | : Not available                                                 |
| Relative density                                | : Not available                                                 |
| Relative vapour density at 20°C                 | : Not applicable                                                |
| Particle size                                   | : No data available                                             |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Explosive; fire, blast or projection hazard.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

### 10.4. Conditions to avoid

Avoid temperature above 75 °C. Avoid contact with hot surfaces, heat, flames, sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

None under normal conditions. See also section 5.2.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in GHS

|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity (oral)       | : May be harmful if swallowed.<br>ATE <sub>mixture</sub> > 2000 ≤ 5000 mg/kg                                               |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met)<br>ATE <sub>mixture</sub> > 5000 mg/kg |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met)                                        |

#### Sodium nitrate (CAS No 7631-99-4)

|               |            |
|---------------|------------|
| LD50 oral rat | 1267 mg/kg |
|---------------|------------|

#### Potassium nitrate (CAS No 7757-79-1)

|               |            |
|---------------|------------|
| LD50 oral rat | 3750 mg/kg |
|---------------|------------|

#### Sulfur (CAS No 7704-34-9)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | > 3000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

|                                   |                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------|
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met) |
| Serious eye damage/irritation     | : Causes serious eye irritation.                                                    |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard                 | : Not classified (Based on available data, the classification criteria are not met) |

#### IKAROS Parachute Rocket Illuminating

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

### 11.2. Information on other hazards

#### Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) having endocrine disrupting properties to human in concentrations equal to or greater than 0,1 %.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

#### Potassium perchlorate (CAS No 7778-74-7)

|                 |           |
|-----------------|-----------|
| LC50 - Fish [1] | 2511 mg/l |
|-----------------|-----------|

#### Potassium nitrate (CAS No 7757-79-1)

|                 |                                   |
|-----------------|-----------------------------------|
| LC50 - Fish [1] | 22.5 mg/l <i>Gambusia affinis</i> |
|-----------------|-----------------------------------|

|                      |                               |
|----------------------|-------------------------------|
| EC50 - Crustacea [1] | 5.4 mg/l <i>Daphnia magna</i> |
|----------------------|-------------------------------|

|                      |           |
|----------------------|-----------|
| EC50 72h - Algae [1] | 0.14 mg/l |
|----------------------|-----------|

#### Sulfur (CAS No 7704-34-9)

|                 |                                   |
|-----------------|-----------------------------------|
| LC50 - Fish [1] | 866 mg/l <i>Brachydanio rerio</i> |
|-----------------|-----------------------------------|

|                      |                             |
|----------------------|-----------------------------|
| EC50 - Crustacea [1] | > 5000 mg/l <i>D. magna</i> |
|----------------------|-----------------------------|

|                      |         |
|----------------------|---------|
| EC50 72h - Algae [1] | 12 mg/l |
|----------------------|---------|

### 12.2. Persistence and degradability

#### IKAROS Parachute Rocket Illuminating

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| Persistence and degradability | Biodegradability determining methods are not relevant for inorganic substances |
|-------------------------------|--------------------------------------------------------------------------------|

### 12.3. Bioaccumulative potential

#### Potassium nitrate (CAS No 7757-79-1)

|                                                 |     |
|-------------------------------------------------|-----|
| Partition coefficient n-octanol/water (Log Pow) | < 0 |
|-------------------------------------------------|-----|

#### Sulfur (CAS No 7704-34-9)

|                                                 |     |
|-------------------------------------------------|-----|
| Partition coefficient n-octanol/water (Log Pow) | 5.7 |
|-------------------------------------------------|-----|

### 12.4. Mobility in soil

No additional information available

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

### 12.5. Results of PBT and vPvB assessment

#### IKAROS Parachute Rocket Illuminating

The criteria for PBT/vPvB are not relevant for inorganic substances.

PBT: Persistent Bioaccumulative Toxic

vPvB: Very Persistent and Very Bioaccumulative

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) having endocrine disrupting properties to the environment in concentrations equal to or greater than 0,1 %.

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to 40 Code of Federal Regulations (CFR) Part 261.

Waste treatment methods : Hazardous waste as regulated under RCRA - Resource Conservation and Recovery Authorization Act Hazardous waste.  
Waste fireworks may be RCRA hazardous waste due to their ignitability, toxicity, and/or reactive nature. The owner or operator must take precautions to prevent accidental ignition or reaction of ignitable or reactive waste. This waste must be separated and protected from sources of ignition or reaction including but not limited to: open flames, smoking, cutting and welding, hot surfaces, frictional heat, sparks (static, electrical, or mechanical), spontaneous ignition (e.g., from heat-producing chemical reactions), and radiant heat. While ignitable or reactive waste is being handled, the owner or operator must confine smoking and open flame to specifically designated locations. "No Smoking" signs must be conspicuously placed wherever there is a hazard from ignitable or reactive waste.

Additional information : Do not re-use empty containers.

EPA Hazardous Waste Number : D001 (Ignitable)

## SECTION 14: Transport information

US Department of Transportation Reference number: EX2007050373 (Ex-no (DOT/USA))

Packaging of inner packaging of steel cage and outer packaging of fibreboard box may be transported with full permit under UN 0403: Swedish Civil Contingencies Agency (MSB) Cert No: 2025-05110

| Hazmat Table (49 CFR 172.101)<br>Road / Rail | IMDG<br>Sea    | IATA<br>Air    |
|----------------------------------------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>          |                |                |
| UN 0403                                      | UN 0403        | UN 0403        |
| <b>14.2. UN proper shipping name</b>         |                |                |
| FLARES, AERIAL                               | FLARES, AERIAL | Flares, aerial |

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

| Hazmat Table (49 CFR 172.101)<br>Road / Rail                                      | IMDG<br>Sea                                                                       | IATA<br>Air                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Transport document description</b>                                             |                                                                                   |                                                                                     |
| UN 0403, FLARES, AERIAL, 1.4G                                                     | UN 0403, FLARES, AERIAL, 1.4G                                                     | UN 0403, Flares, aerial, 1.4G                                                       |
| <b>14.3. Transport hazard class(es)</b>                                           |                                                                                   |                                                                                     |
| 1.4G                                                                              | 1.4G                                                                              | 1.4G                                                                                |
|  |  |  |
| <b>14.4. Packing group</b>                                                        |                                                                                   |                                                                                     |
| Not applicable                                                                    | Not applicable                                                                    | Not applicable                                                                      |
| <b>14.5. Environmental hazards</b>                                                |                                                                                   |                                                                                     |
| Dangerous for the environment: No                                                 | Marine pollutant: No<br>EmS-No. (Fire): F-B<br>EmS-No. (Spillage): S-X            | Dangerous for the environment: No                                                   |

### 14.6. Special precautions for user

See Precautionary statements in Section 2.2

#### Overland transport

Response Guide 112

Packing instructions : P135

#### Transport by sea

Packing instructions (IMDG) : P135

Stowage category (IMDG) : 03

Stowage and handling (IMDG) : SW1

#### Air transport

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA) : Forbidden

PCA limited quantity max net quantity (IATA) : Forbidden

PCA packing instructions (IATA) : Forbidden

PCA max net quantity (IATA) : Forbidden

CAO packing instructions (IATA) : 135

CAO max net quantity (IATA) : 75 kg

Special provisions (IATA) : A802

ERG code (IATA) : UN 0403: 1 L  
UN 0506: 3 L

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### US FEDERAL

###### TSCA:

CAS No 7631-99-4 Nitric acid sodium salt (1:1) is listed on the TSCA inventory list, Active

CAS No 7778-74-7 Perchloric acid, potassium salt (1:1) is listed on the TSCA inventory list, Active

CAS No 7757-79-1 Nitric acid potassium salt (1:1) is listed on the TSCA inventory list, Active

CAS No 7704-34-9 Sulfur is listed on the TSCA inventory list, Active

##### NFPA rating

Flammability (NFPA rating; red):

2 (Materials that must be moderately heated before ignition can occur)

Health (NFPA rating; blue):

1 (Materials that cause irritation upon exposure, but only minor injury is sustained even if no medical treatment is provided)

Instability–reactivity (NFPA rating; yellow):

1 (Normally stable, even under fire exposure conditions, and is not reactive with water)

#### 15.2. Chemical safety assessment

Not applicable (out of EU-REACH scope).

### SECTION 16: Other information

#### Abbreviations and acronyms:

|       |                                                                                     |
|-------|-------------------------------------------------------------------------------------|
| ADR   | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE   | Acute Toxicity Estimate                                                             |
| BCF   | Bioconcentration factor                                                             |
| DMEL  | Derived Minimal Effect level                                                        |
| DNEL  | Derived-No Effect Level                                                             |
| EC50  | Median effective concentration                                                      |
| IARC  | International Agency for Research on Cancer                                         |
| IATA  | International Air Transport Association                                             |
| IMDG  | International Maritime Dangerous Goods                                              |
| LC50  | Median lethal concentration                                                         |
| LD50  | Median lethal dose                                                                  |
| LOAEL | Lowest Observed Adverse Effect Level                                                |
| NOAEC | No-Observed Adverse Effect Concentration                                            |
| NOAEL | No-Observed Adverse Effect Level                                                    |
| NOEC  | No-Observed Effect Concentration                                                    |
| OEL   | Occupational Exposure Limit                                                         |
| PBT   | Persistent Bioaccumulative Toxic                                                    |
| PNEC  | Predicted No-Effect Concentration                                                   |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail        |
| SDS   | Safety Data Sheet                                                                   |
| STP   | Sewage treatment plant                                                              |

# IKAROS Parachute Rocket Illuminating

## Safety Data Sheet

| Abbreviations and acronyms: |                                          |
|-----------------------------|------------------------------------------|
| ThOD                        | Theoretical oxygen demand (ThOD)         |
| TLM                         | Median Tolerance Limit                   |
| VOC                         | Volatile Organic Compounds               |
| CAS No.                     | Chemical Abstract Service number         |
| vPvB                        | Very Persistent and Very Bioaccumulative |
| ED                          | Endocrine disruptor                      |

| Full text of H-statements: |                                                                   |
|----------------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Oral)        | Acute toxicity (oral), Category 4                                 |
| Acute Tox. 5 (Oral)        | Acute toxicity (oral), Category 5                                 |
| Aquatic Acute 1            | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 3          | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Expl. 1.3                  | Explosives, Division 1.3                                          |
| Eye Irrit. 2               | Serious eye damage/eye irritation, Category 2                     |
| H203                       | Explosive; fire, blast or projection hazard.                      |
| H271                       | May cause fire or explosion; strong oxidiser.                     |
| H272                       | May intensify fire; oxidiser.                                     |
| H302                       | Harmful if swallowed.                                             |
| H303                       | May be harmful if swallowed.                                      |
| H315                       | Causes skin irritation.                                           |
| H319                       | Causes serious eye irritation.                                    |
| H400                       | Very toxic to aquatic life.                                       |
| H412                       | Harmful to aquatic life with long lasting effects.                |
| Ox. Sol. 1                 | Oxidising Solids, Category 1                                      |
| Ox. Sol. 2                 | Oxidising Solids, Category 2                                      |
| Skin Irrit. 2              | Skin corrosion/irritation, Category 2                             |

| Classification and procedure used to derive the classification for the mixture |      |                    |
|--------------------------------------------------------------------------------|------|--------------------|
| Expl. 1.3                                                                      | H203 |                    |
| Acute Tox. 5 (Oral)                                                            | H303 | Calculation method |
| Eye Irrit. 2                                                                   | H319 | Calculation method |

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.