

# SAFETY DATA SHEET

PL-PSDA Eluent Concentrate, Part Number PL0850-2000

## Section 1. Identification

### 1.1 Product identifier

**Product name** : PL-PSDA Eluent Concentrate, Part Number PL0850-2000  
**Part no.** : PL0850-2000  
**Validation date** : 2/28/2018

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

**Material uses** :  Reagents and Standards for Analytical Chemistry Laboratory Use  
 4 x 100 ml  
 1/pk

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

**Supplier/Manufacturer** : Agilent Technologies, Inc.  
 5301 Stevens Creek Blvd  
 Santa Clara, CA 95051, USA  
 800-227-9770

### 1.4 Emergency telephone number

**In case of emergency** : CHEMTREC®: 1-800-424-9300

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Classification of the substance or mixture

H318 SERIOUS EYE DAMAGE - Category 1

**Ingredients of unknown toxicity** :  Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%  
 Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%

### 2.2 GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : H318 - Causes serious eye damage.

### Precautionary statements

**Prevention** : P280 - Wear eye or face protection.

**Response** : 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 or physician.

**Storage** : Not applicable.

**Disposal** : Not applicable.

### 2.3 Other hazards

**Date of issue** : 02/28/2018

1/12

## Section 2. Hazards identification

**Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name           | %    | CAS number |
|---------------------------|------|------------|
| Dodecan-1-ol, ethoxylated | ≤5   | 9002-92-0  |
| Sodium dodecyl sulphate   | ≤1.9 | 151-21-3   |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

### 4.1 Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### 4.2 Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

## Section 4. First aid measures

### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** : Adverse symptoms may include the following:  
stomach pains

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
sulfur oxides  
metal oxide/oxides

### 5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- 6.2 Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and materials for containment and cleaning up

- Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- 7.2 Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

- Recommendations** : Industrial applications, Professional applications.
- Industrial sector specific solutions** : Not applicable.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

| Ingredient name   | Exposure limits |
|---|-----------------|
| <input checked="" type="checkbox"/> Dodecan-1-ol, ethoxylated<br><input type="checkbox"/> Sodium dodecyl sulphate | None.<br>None.  |

### 8.2 Exposure controls

#### Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Individual protection measures

##### Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

##### Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

#### Skin protection

##### Hand protection

: When used as intended with Agilent instruments, use of the product is not expected to result in direct contact with the chemical. However, in case of accidental contact with splash wear good quality:  
 Glove material: Nitrile rubber  
 Glove thickness:  $\geq 0.11$  mm  
 Breakthrough time: > 480 minutes.

##### Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Respiratory protection

:  When used as intended with Agilent instruments, the use of the product under normal laboratory conditions and with standard practices does not result in significant airborne exposures, and, therefore, respiratory protection isn't needed. In emergency situations, when a respirator is needed, use a full-face supplied air respirator and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH (US).

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|  |  |
|--|--|
| Physical state                               | : Liquid. [Clear.]   |
| Color  | : Colorless.   |
| Odor   | : Soap. [Slight]   |
| Odor threshold                               | : Not available.   |
| pH   | : Not available.   |
| Melting point                                | : >0°C (>32°F)   |
| Boiling point                                | : >100°C (>212°F)  |
| Flash point                                  | : Not available.   |
| Evaporation rate                             | : Not available.   |
| Flammability (solid, gas)                    | : Not applicable.  |
| Lower and upper explosive (flammable) limits | : Not available.   |
| Vapor pressure                               | : Not available.   |
| Vapor density                                | : Not available.   |
| Relative density                             | : >1   |
| Density                                      | : >1 g/cm <sup>3</sup> [20°C (68°F)]                                   |
| Solubility                                   | : Easily soluble in the following materials: cold water and hot water. |
| Partition coefficient: n-octanol/water       | : Not available.   |
| Auto-ignition temperature                    | : Not available.   |
| Decomposition temperature                    | : Not available.   |
| Viscosity                                    | : Not available.   |

## Section 10. Stability and reactivity

|   |   |
|---|---|
| 10.1 Reactivity                         | : No specific test data related to reactivity available for this product or its ingredients.                                |
| 10.2 Chemical stability                 | : The product is stable.  |
| 10.3 Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.   |
| 10.4 Conditions to avoid                | : No specific data. Avoid excessive heat.   |
| 10.5 Incompatible materials             | : May react or be incompatible with oxidizing materials.<br>☑ Reactive or incompatible with the following materials: acids. |
| 10.6 Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced.                      |

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

| Product/ingredient name   | Result    | Species | Dose       | Exposure |
|---------------------------|-----------|---------|------------|----------|
| Dodecan-1-ol, ethoxylated | LD50 Oral | Rat     | 1 g/kg     | -        |
| Sodium dodecyl sulphate   | LD50 Oral | Rat     | 1288 mg/kg | -        |

#### Irritation/Corrosion

| Product/ingredient name                                  | Result   | Species              | Score  | Exposure   | Observation |
|--|--|----------------------|--------|--|-------------|
| Dodecan-1-ol, ethoxylated<br><br>Sodium dodecyl sulphate | Eyes - Severe irritant                           | Rabbit               | -      | 24 hours 750 Micrograms                          | -           |
|  | Skin - Mild irritant                             | Rabbit               | -      | 24 hours 500 milligrams                          | -           |
|  | Skin - Moderate irritant                         | Rabbit               | -      | 24 hours 500 milligrams                          | -           |
|  | Eyes - Mild irritant                             | Rabbit               | -      | 250 Micrograms                                   | -           |
|  | Eyes - Moderate irritant                         | Rabbit               | -      | 24 hours 100 milligrams                          | -           |
|  | Eyes - Moderate irritant<br>Skin - Mild irritant | Rabbit<br>Guinea pig | -<br>- | 10 milligrams<br>24 hours 25 milligrams          | -<br>-      |
|  | Skin - Moderate irritant                         | Mouse                | -      | 24 hours 25 milligrams                           | -           |
|  | Skin - Mild irritant<br>Skin - Moderate irritant | Rabbit<br>Rabbit     | -<br>- | 24 hours 50 milligrams<br>24 hours 25 milligrams | -<br>-      |

#### Sensitization

Not available.

#### Mutagenicity

**Conclusion/Summary** : Not available.

#### Carcinogenicity

**Conclusion/Summary** : Not available.

#### Reproductive toxicity

**Conclusion/Summary** : Not available.

#### Teratogenicity

**Conclusion/Summary** : Not available.

#### Specific target organ toxicity (single exposure)

| Name                      | Category   | Route of exposure | Target organs                |
|---------------------------|------------|-------------------|------------------------------|
| Dodecan-1-ol, ethoxylated | Category 3 | Not applicable.   | Respiratory tract irritation |
| Sodium dodecyl sulphate   | Category 3 | Not applicable.   | Respiratory tract irritation |

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

## Section 11. Toxicological information

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Dermal, Inhalation.

### Potential acute health effects

**Eye contact** : Causes serious eye damage.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:  
 pain  
 watering  
 redness  
**Inhalation** : No specific data.  
**Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur  
**Ingestion** : Adverse symptoms may include the following:  
 stomach pains

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Potential chronic health effects

**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

| Route                                | ATE value               |
|--------------------------------------|-------------------------|
| Oral<br>Inhalation (dusts and mists) | 20849 mg/kg<br>150 mg/l |



## Section 12. Ecological information

### 12.1 Toxicity

| Product/ingredient name             | Result                              | Species                                   | Exposure |
|-------------------------------------|-------------------------------------|---|----------|
| Dodecan-1-ol, ethoxylated           | Acute LC50 6460 µg/l Fresh water    | Daphnia - Daphnia magna                   | 48 hours |
| Sodium dodecyl sulphate             | Acute LC50 1500 µg/l Fresh water    | Fish - Salmo salar - Parr                 | 96 hours |
|                                     | Acute EC50 1200 µg/l Marine water   | Algae - Skeletonema costatum              | 96 hours |
|                                     | Acute LC50 900 µg/l Marine water    | Crustaceans - Artemia salina - Adult      | 48 hours |
|                                     | Acute LC50 1400 µg/l Fresh water    | Daphnia - Daphnia pulex - Neonate         | 48 hours |
|                                     | Acute LC50 590 µg/l Fresh water     | Fish - Cirrhinus mrigala - Larvae         | 96 hours |
|                                     | Chronic NOEC 1.25 mg/l Marine water | Algae - Ulva fasciata - Zoea              | 96 hours |
|                                     | Chronic NOEC 1 mg/l Fresh water     | Crustaceans - Pseudosida ramosa - Neonate | 21 days  |
|                                     | Chronic NOEC 3.2 mg/l Fresh water   | Daphnia - Daphnia magna - Neonate         | 21 days  |
| Chronic NOEC >1357 µg/l Fresh water | Fish - Pimephales promelas          | 42 days                                   |          |

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| Sodium dodecyl sulphate | -2.03              | -   | low       |

### 12.4 Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

12.5 Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

## Section 13. Disposal considerations

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## Section 14. Transport information

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

## Section 15. Regulatory information

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

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

| Name         | %  | EHS  | SARA 302 TPQ |           | SARA 304 RQ |           |
|--------------|----|------|--------------|-----------|-------------|-----------|
|              |    |      | (lbs)        | (gallons) | (lbs)       | (gallons) |
| Sodium azide | <1 | Yes. | 500          | -         | 1000        | -         |

**SARA 304 RQ** : 250000 lbs / 113500 kg [27257.8 gal / 103181.8 L]

### SARA 311/312

**Classification** : **SE**RIOUS EYE DAMAGE - Category 1

#### Composition/information on ingredients

## Section 15. Regulatory information

| Name                      | %    | Classification   |
|---------------------------|------|--|
| Dodecan-1-ol, ethoxylated | ≤5   | ACUTE TOXICITY (oral) - Category 4<br>SKIN IRRITATION - Category 2<br>SERIOUS EYE DAMAGE - Category 1<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  |
| Sodium dodecyl sulphate   | ≤1.9 | FLAMMABLE SOLIDS - Category 2<br>ACUTE TOXICITY (oral) - Category 4<br>ACUTE TOXICITY (inhalation) - Category 4<br>SKIN IRRITATION - Category 2<br>SERIOUS EYE DAMAGE - Category 1<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 |

### State regulations

- Massachusetts** : None of the components are listed.  
**New York** : None of the components are listed.  
**New Jersey** : None of the components are listed.  
**Pennsylvania** : None of the components are listed.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

- Australia** : All components are listed or exempted.  
**Canada** : All components are listed or exempted.  
**China** : All components are listed or exempted.  
**Europe** : All components are listed or exempted.  
**Japan** : **Japan inventory (ENCS)**: All components are listed or exempted.  
**Japan inventory (ISHL)**: All components are listed or exempted.  
**Malaysia** : Not determined.  
**New Zealand** : All components are listed or exempted.  
**Philippines** : All components are listed or exempted.  
**Republic of Korea** : All components are listed or exempted.  
**Taiwan** :  All components are listed or exempted.  
**Thailand** :  Not determined.  
**Turkey** : Not determined.  
**United States** : All components are listed or exempted.  
**Viet Nam** :  Not determined.

## Section 16. Other information

### History

**Date of issue** : 02/28/2018  
**Date of previous issue** : 04/05/2016  
**Version** : 4

### Procedure used to derive the classification

| Classification                  | Justification      |
|---------------------------------|--------------------|
| SERIOUS EYE DAMAGE - Category 1 | Calculation method |

✔ Indicates information that has changed from previously issued version.

### Notice to reader

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