Form for the investigation of CMR-products

According to the provision of the Swedish Work Environment Authority ”Chemical Hazards in the Working Environment”, CMR (carcinogenic, mutagenic and/or toxic to reproduction) classified chemical products can only be handled if there is a documented investigation indicating that it is not technically possible to replace the product by using other chemical products which present a lower risk of ill-health and accidents.

## **The form should be signed and stored by an authorized person\* at the workplace**

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| 1. **Workplace**
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| Department/division/unit:       | Investigator (Title/profession):       |
| Phone:       | E-mail:       |
| 1. **Chemical product to be investigated**
 |
| Name of product:       |
| Application:       |
| Type of product (eg. solvent, dye):       |
| Ingredients (CMR-substance(s)):       | CAS-nr:       |
| Content:       |
| 1. **Labelling and classification of the product**
 |
| [ ]  Updated Safety data sheet attached.  |
| Labelling of the product as per the Safety data sheet: [ ]  H 350 May cause cancer [ ]  H 340 May cause genetic defects[ ]  H 360 May cause harm to fertility or to the unborn child[ ]  R 45 May cause cancer[ ]  R 46 May cause heritable genetic damage[ ]  R 49 May cause cancer by inhalation[ ]  R 60 May impair fertility[ ]  R 61 May cause harm to the unborn child |
| 1. **Handling of the product**
 |
| Short description of the handling:       |
| Used amount per occasion:       | Estimated annual use:       |
| Risk of exposure by:[ ]  Inhalation. Description of risk:      [ ]  Skin contact. Description of risk:       [ ]  Other. Description of risk:       |
| Use of protective measures, fume hood, etc.:       |

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| 1. **Investigation of alternatives**
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| Possible alternatives investigated by:[ ]  Contact with other suppliers in the field  Comments:      [ ]  Contact with colleagues in other organisations Comments:      [ ]  Control of NSG substitution list ([www.vgregion.se/halsan/kemi/nsg](http://www.vgregion.se/halsan/kemi/nsg)) Comments:      [ ]  Search in SubsPort databases ([www.subsport.eu](http://www.subsport.eu))  Comments:      [ ]  Search via Google (Eg. try the following search terms: substitution, exchange, and/or hazardous chemicals together with the name of the chemical)[ ]  Kemikalieinspektionens homepage ([www.kemi.se/](http://www.kemi.se/))  Comment:      [ ]  Other website Comment:       |
| 1. **Result of the investigation and assessment of alternatives**
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| A substitute for the current product has been found: |
| [ ]  Yes  | Name of substitute:       |
| Hazard statements/risk phrases of the substituent as per the Safety data sheet:      | [ ]  No, no substitutes have been foundComments/justification:       |

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| 1. **Decision (completed by authorized person\*)**
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| Current chemical product[ ]  Will be replaced [ ]  Will not be replacedJustification:      Date for repeated investigation *(for ex by the end of the project*):       |
| 1. **Signature of authorized person\***
 |
| Date:       | Signature:  |

**If a CMR-product cannot be replaced, the following is required:**

* **Documented and thorough risk assessment - including measures to reduce exposure**
* **Register of employees/students who have been exposed to high levels of CMR-product**

\* = Person with delegated responsibility for work environment

More information in the Laboratory safety manual found by using the A-Z shortcuts in the upper right corner at [www.liu.se](http://www.liu.se) and “Chemical Hazards in the Working Environment”, the Swedish Work Environment Authority, [www.av.se](http://www.av.se) (choose English language, Law and Provisions).