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** | |
| 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** |
| 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 found  Comments/justification: |

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| 1. **Decision (completed by authorized person\*)** | |
| Current chemical product  Will be replaced  Will not be replaced  Justification:  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).