|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Substance Name:** | **Kilfrost GEO** | | **Manufacturer:** | **Kilfrost** | |
| Is hazard data sheet available:  Yes  No | **Assessment Reference No**. | | | **E0258** | |
| **Note: Not classified as (physical, health or environmental) hazardous.** | | | | | |
| Explosive |  |  | Corrosive |  |  |
| Health Hazard |  |  | Oxidizing |  |  |
| Serious Health Hazard |  |  | Toxicity 1-3 |  |  |
| Flammable |  |  | Acute Toxicity 4 |  |  |
| Carcinogenic |  |  | Harmful to Aquatic Environment |  |  |
| Gas Under Pressure |  |  | Hazardous to the Ozone Layer |  |  |
| Dust/Fume |  |  | Irritant |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Description of current or proposed use:** | | | | | | **Current controls:** | | | | | | | | | |
| Filling GEJ Engine system with Antifreeze/Coolant.  Usually diluted to a 30% (approx) mix with water.  Generally, the product itself is not handled directly, except in instances where it may be required to be decanted from the drum into a smaller container. | | | | | | Used in well-ventilated area  PPE used.  Provide eyewash station. Wash hands after handling. Wash contaminated clothing before reuse.  Stored in tightly-closed, original container in a dry, cool and well-ventilated place | | | | | | | | | |
| **Estimated duration of operator exposure.** | | | | | | <30 minutes | | | | | | | | | |
| **Estimated quantity used.** | | | | | | 1000 Litres | | | | | | | | | |
| **Potential exposure routes.** | | | | | | **Current PPE specified.** | | | | | | | | | |
| Skin contact | |  | Skin Absorption | |  | Eye/Face | | |  | | Goggles | | | | |
| Inhalation | |  | Eye | |  | Respiratory | | |  | | If ventilation is inadequate, suitable respiratory protection must be worn. | | | | |
| Ingestion | |  |  | |  | Body | | |  | | Wear suitable protective clothing as protection against splashing or contamination | | | | |
| Sharps and Puncture | |  |  | |  | Hand | | |  | | Chemical-resistant, impervious gloves complying with an approved standard should be worn if skin contact is possible. | | | | |
| Contaminated Clothing | |  |  | |  | Other | | |  | |  | | | | |
| Is the method of use in accordance with supplier’s guidance? | | | | | | | | | | | Yes |  | | No |  |
| Are control measures in accordance with supplier’s guidance? | | | | | | | | | | | Yes |  | | No |  |
| Is the material stored in accordance with supplier’s guidance? | | | | | | | | | | | Yes |  | | No |  |
| Can spillages or accidental release be dealt with satisfactorily? | | | | | | | | | | | Yes |  | | No |  |
| Is adequate and suitable fire-fighting equipment available? | | | | | | | | | | | Yes |  | | No |  |
| Are adequate and suitable first-aid facilities available? | | | | | | | | | | | Yes |  | | No |  |
| Are all risks adequately controlled? | | | | | | | | | | | Yes |  | | No |  |
| Less hazardous alternatives to be sought? | | | | Yes |  | No |  | Additional or upgraded PPE required?  Yes  No | | | | | | | |
| Other controls or action required? | | | | Yes |  | No |  |
| **Assessed by:** | Mike Turner | | | | | | | | | **Date:** | | | 01.01.2023. | | |