**Employer:** _____

# RISK ASSESSMENT of Hazardous Substances

Substance: **FLASH**

Refer Chemrose SDS for Hazards Identification

Site: _____ Date: _____ Person Responsible: _____

| 1. Potential Hazard<br>**e.g. skin contact, fire** | 2. Potential injury or damage to property or environment | 3. Degree of Risk and Risk Score **(see matrix over page)** | 4. Suggested control **Consider:**<br>**1. Elimination 2. Reduction 3. Protection** | 5. SIGN OFF when each control is in place | 6. Degree of Risk AFTER CONTROL **(see Matrix over page)** |
|---|---|---|---|---|---|
| Accidentally swallowed | Slight irritation to the gastrointestinal tract. | D Unlikely<br>IV Minor Injury<br>**5 Medium Risk** | Ensure all containers are labelled correctly.<br>Never store chemicals in a drink bottle.<br>Always keep store room locked to prevent public access.<br>Keep out of reach of children. Always rinse containers after use.<br>Always wash hands after use. | | E Very Unlikely<br>IV Minor Injury<br>**3 Low Risk** |
| Product splashing into eyes while decanting or using to clean | Will cause discomfort. Prolonged contact may cause serious eye damage. | E Very Unlikely<br>III Average injury<br>**6 Low Risk** | Wear safety glasses when decanting or if using product to clean.<br>Install signs "Wear Safety Glasses". | | E Very Unlikely<br>V Discomfort<br>**1 Low Risk** |
| Skin contact | May cause mild skin irritation with prolonged contact. | C Possible<br>IV Minor injury<br>**8 Medium Risk** | Wear rubber or chemical-resistant gloves when decanting.<br>Gloves should be worn to prevent prolonged or repeated skin contact.<br>Install signs "Wear Gloves". | | E Very Unlikely<br>V No injury<br>**1 Low Risk** |
| Contact with Bleach liberates toxic gas | May cause severe lung irritation if resulting fumes are inhaled. | C. Possible<br>III Average Injury<br>**13 Medium Risk** | Keep product away from Bleach.<br>Train staff NOT to mix chemicals.<br>Clean up spills immediately.<br>Use labelled containers only. | | E Very Unlikely<br>III Average injury<br>**6 Low Risk** |

***Important note:*** *The potential hazards listed above are expected to apply in normal use applications of this product. However, if the product is to be used in special or unusual applications, different or additional hazards may arise. It is the responsibility of the employer to assess all additional risks that may arise from the way they intend to use this product.*

# RISK ASSESSMENT MATRIX

| | OUTCOME | PROBABILITY | | | | | |
|---|---|---|---|---|---|---|---|
| | | F Impossible | E Very Unlikely | D Unlikely | C Possible | B Likely | A Frequent |
| I | Fatal or permanent injury | 0 | 15 | 19 | 22 | 24 | 25 |
| II | Severe injury | 0 | 10 | 14 | 18 | 21 | 23 |
| III | Average lost time injury | 0 | 6 | 9 | 13 | 17 | 20 |
| IV | Minor injury | 0 | 3 | 5 | 8 | 12 | 16 |
| V | Discomfort no injury | 1 | 1 | 2 | 4 | 7 | 11 |

| SCORE | RISK | Action Required |
|---|---|---|
| 0 – 6 | Low | None |
| 7 – 15 | Medium | Take Action to reduce risk to Low |
| 16 - 25 | High | Take Immediate Action to reduce risk to Low |

**How to use the matrix:**

1. Select the worst credible outcome
2. Select the probability or likelihood
3. Read the score number where the row and column intersect
4. Use this score to rate the risk as Low, Medium or High.
5. Take steps to reduce risk if it is High or Medium

Issued _____