**Table S15** Grading values for the primary skin irritation test and response categories

|  |  |
| --- | --- |
| Skin responses | Score of primary irritation index (PII) |
| Erythema and Eschar Formation |  |
| * No Erythema | 0 |
| * Very slight erythema (barely perceptible) | 1 |
| * Well-defined erythema | 2 |
| * Moderate to severe erythema | 3 |
| * Severe erythema (beet-redness) to slight eschar formation (injuries in depth) | 4 |
| Edema formation |  |
| * No edema | 0 |
| * Very slight edema (barely perceptible) | 1 |
| * Slight edema (edges of area well-defined by definite raising) | 2 |
| * Moderate edema (raised approximately 1.0 mm) | 3 |
| * Severe edema (raised more than 1.0 mm and extending beyond the area of exposure) | 4 |
| Total possible score for irritation | 8 |
| Primary irritation index (PII) | Category |
| * 0 - 0.4 | Negligible |
| * 0.5 - 1.9 | Slight irritation |
| * 2.0 - 4.9 | Moderate irritation |
| * 5.0 - 8.0 | Severe irritation |