

## COSHH Risk Assessment – Socoblade LEP 220, 220H Part B

Wind Farm Owner	ScottishPower	Wind Farm Name	Green Knowes
Technical Director	Joe McDonald	Operations Director	Chris Gillies
Next Revision Date	04/04/2027	Document No:	BR-RA-COSHH-027- Socoblade LEP 220, 220H Part B_V1.0



# COSHH RISK ASSESSMENT SOCOBLADE LEP 220, 220H PART B



### Integrated Management System Statement

This risk assessment forms part of the Bladestar Renewables Integrated Management System and shall be read in conjunction with the relevant Method Statement, Rescue Procedures and Client Approved Written Procedures.

Hazards have been identified and risk controls selected in accordance with the hierarchy of control principles, ensuring risks are reducing so far as is reasonably practicable (ALARP).

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RISK MATRIX		SEVERITY				
		1 Insignificant	2 Minor First Aid/Injury	3 Significant	4 Major injury/Long term health hazard	5 Death
LIKLIHOOD	5 Very likely	5	10	15	20	25
	4 Likely	4	8	12	16	20
	3 Probable	3	6	9	12	15
	2 Possible	2	4	6	8	10
	1 Unlikely	1	2	3	4	5

<b>Acceptable risk 1-2 (Low)</b>	<b>Acceptable – task may proceed</b>
<b>Reduced risk 3-9 (Medium)</b>	Tolerable and may proceed but may require supervision or active monitoring
<b>Unacceptable risk 10-25 (High)</b>	<b>TASK MUST NOT PROCEED – Revise risk assessment and introduce further control measures to reduce risk</b>

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Job Steps		Hazards & Effects		Control Initial Risk			Measures	Residual Risk		
Hazard Type	Hazard Effect	Groups Affected	Likelihood	Severity	Risk Rating	Existing and recommended measures to reduce the likelihood of severity or both.	Likelihood	Severity	Risk Rating	
Flammable Liquid/ Vapour	Death/Serious Injury (Fire/Explosion)	Site Operatives	2	5	10	<ul style="list-style-type: none"> <li>• Appropriate firefighting equipment available that has been regularly maintained.</li> <li>• Keep containers tightly closed when not in use.</li> <li>• Ground and bond containers and receiving equipment.</li> <li>• Take precautions to prevent static discharge.</li> <li>• No smoking.</li> <li>• Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.</li> <li>• Store in a cool, dry, well-ventilated area.</li> <li>• Avoid accumulation of vapours in a confined space.</li> <li>• Mechanical ventilation if not in a well-ventilated area.</li> <li>• Exposure duration shall be minimised to reduce the likelihood of prolonged inhalation of solvent vapours.</li> <li>• Suitable fire extinguishing media available: CO2, Dry Powder, Alcohol-resistant foam</li> </ul>	1	5	5	
Eye contact	Serious eye damage (irreversible injury possible)	Site Operatives	2	5	10	<ul style="list-style-type: none"> <li>• Immediate first aid provided by trained personnel until emergency services take over.</li> <li>• Employees and Subcontractors have been trained in how to use the chemicals and the safe system of work.</li> <li>• Avoid contact with eyes, skin and clothing.</li> <li>• Emergency eye wash must be immediately available.</li> <li>• PPE provided and used.</li> <li>• Wear safety goggles and face shield where splash risk exists.</li> <li>• In case of eye contact, rinse immediately with plenty of water and seek immediate medical attention.</li> <li>• Avoid all splashing during handling and application.</li> <li>• Spillages cleaned up immediately using appropriate materials.</li> </ul>	1	4	4	

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Hazard Type	Hazard Effect	Groups Affected	Likelihood	Severity	Risk Rating	Existing and recommended measures to reduce the likelihood of severity or both.	Likelihood	Severity	Risk Rating	
Inhalation of Vapours/Mists	Dizziness, discomfort, respiratory effects from solvent vapours	Site Operatives	3	5	15	<ul style="list-style-type: none"> <li>Employees/Subcontractors trained in safe use of the substance.</li> <li>Use outdoors where reasonably practicable.</li> <li>Ensure good natural ventilation at all times.</li> <li>Mechanical/local exhaust ventilation to be used where ventilation is insufficient.</li> <li>Avoid breathing vapours and mists.</li> <li>Exposure duration and frequency shall be minimised.</li> <li>Airborne concentrations must be maintained below Workplace Exposure Limits for n-butyl acetate.</li> <li>Respiratory Protective Equipment (RPE) to be used where exposure cannot be adequately controlled.</li> <li>Suitable RPE includes air-purifying respirator with organic vapour cartridge or supplied air respirator where required.</li> </ul>	1	5	5	
Environmental Contamination/ Pollution	Contamination of soil, drains or watercourses	Environment/ Surrounding Area	2	4	8	<ul style="list-style-type: none"> <li>Do not allow product to enter drains, surface water or soil.</li> <li>Spillages to be contained immediately using absorbent materials (e.g. sand, pads).</li> <li>Spill response kits to be available and maintained. Located in Service Vehicle, Substation</li> <li>Contaminated materials to be disposed of in accordance with local/national regulations.</li> <li>Contaminated wash water to be retained and disposed of appropriately.</li> <li>Work areas to be controlled to prevent runoff into drainage systems.</li> <li>Operatives trained in spill response procedures.</li> <li>Containers to be kept sealed when not in use to prevent leaks.</li> </ul>	1	4	4	
Skin Sensitiser	Allergic skin reaction / dermatitis	Site Operatives	2	4	8	<ul style="list-style-type: none"> <li>Avoid repeated or prolonged skin contact</li> <li>Wear suitable chemical-resistant gloves (nitrile or equivalent)</li> <li>Remove contaminated clothing immediately</li> <li>Wash skin thoroughly after contact</li> <li>Do not reuse contaminated PPE</li> <li>Good hygiene practices to be followed</li> </ul>	1	4	4	

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### Routes of exposure

**Contact with eyes**  
Substance may enter the eyes through splashes during handling or application, potentially causing serious eye damage.

**Ingestion**  
Accidental ingestion may occur through poor hygiene practices such as eating, drinking or smoking whilst handling substance.

**Inhalation**  
Vapours or mists may be inhaled, particularly in poorly ventilated or confined areas, leading to dizziness or respiratory discomfort.

**Skin Contact/Absorption**  
Direct contact with the skin may occur during handling. Prolonged or repeated exposures should be avoided through use of appropriate PPE. Repeated exposure may lead to allergic skin sensitization.

**Skin Puncture**  
Substances may enter the body through cuts or abrasions if contaminated tools or materials contact damaged skin.

### Further controls – Fire and First Aid

<p><b>Emergency eye wash</b> Eye wash stations are available in service vehicle.</p> <p><b>First aid</b> Adequate first aid facilities are available in service vehicle, turbine and substation.</p> <p><b>Provide fresh air</b> Substances should be used in an open and well ventilated area where possible.</p>	<p><b>Firefighting equipment</b> Suitable firefighting equipment available in service vehicle and turbine. CO2, Dry Powder or alcohol-resistant foam.</p> <p><b>No naked flames</b> Substances not used/stored near naked flames or points of ignition.</p> <p><b>First Aid Measures:</b></p> <ul style="list-style-type: none"> <li>• Skin: Remove contaminated clothing immediately and wash thoroughly with soap and water. Seek medical advice if reaction occurs.</li> <li>• Eyes: Rinse immediately with plenty of water for several minutes and seek immediate medical attention</li> <li>• Inhalation: Move to fresh air</li> <li>• Ingestion: Do not induce vomiting, seek medical attention</li> </ul>
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Further controls – Storage, disposal and spillage	
<p><b>Changing Facilities</b> Suitable facilities provided for changing of clothes.</p> <p><b>Correct Storage Facilities</b> Controlled storage in place for use with designated substances/medication. Keep away from acids, alkalis (bases), oxidizing agents and avoid moisture contamination.</p> <p><b>Hygiene Procedure Observed</b> All users are instructed on and acknowledge a formal hygiene procedure.</p> <p><b>No Smoking</b> Smoking/Vaping is not allowed within the vicinity of the substance.</p> <p><b>Spillages Cleared up Immediately</b> Suitable provisions in place to clear away spills quickly and safely.</p> <p><b>Store Away From Heat</b> Substances not used/stored near naked flames or points of ignition/high temperature. Store in a cool, dry, well-ventilated area between 10 – 35 degrees Celsius. Keep containers tightly closed when not in use. Avoid accumulation of electrostatic charge.</p> <p><b>Warning Signs Displayed</b> Relevant signs highlighting potential hazards are clearly displayed in appropriate areas.</p>	<p><b>Containers Suitably Labelled</b> All containers are suitably labelled to disclose relevant safety advice.</p> <p><b>Do not empty into drains</b> Substance should not be emptied/diluted in to drains/water source.</p> <p><b>Keep away from ignition sources</b> Substances not used/stored near naked flames or points of ignition.</p> <p><b>Prevent Spillages</b> Measures implemented to control spill potential.</p> <p><b>Storage for work clothes and PPE</b> Adequate storage provided for all work clothing and provided personal protective equipment.</p> <p><b>Use spill response kit</b> Spill Response Kit provided and checked/maintained regularly.</p>

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### Mandatory PPE required

#### Protective Clothing Must Be Worn

Any personal protective equipment provided must be worn as per associated risk assessment. Contaminated clothing must not leave the workplace.

- Anti static coveralls conforming to EN 1149.5:2008
- Cat 3 disposable suit conforming to EN ISO 13982-1:2004/A1:2010, EN 13034:2005+A1:2009, EN 1073.2:2002, EN 14126:2003, EN 1149.5:2008

#### RPE Fit Testing

All operatives utilising respiratory protective equipment must have completed face-fit testing unless wearing full face battery powered respirator with A2 filters. Avoid breathing vapours and mists, ventilation must be the primary control before reliance on RPE.

#### Wear Goggles

Any protective eye equipment provided must be worn as per associated risk assessment. Safety goggles and face shield must be worn to where splash risk exists.

- Safety goggles conforming to EN 166 3.4B

#### Protective Gloves Must be Worn

Any protective hand wear provided must be worn as per associated risk assessment.

- Suitable chemical-resistant gloves conforming to EN ISO 374-1:2016 Type B, EN ISO 374-5:2016 (Nitrile or equivalent)

#### Use Respiratory Protective Equipment RPE

Any respiratory protective equipment provided must be worn as per associated risk assessment.

- RPE must be selected based on exposure risk.
- Ventilation must be the primary control.
- Organic vapour respirator may be used.
- Supplied air respirator required where exposure is unknown or in confined space.
- Battery powered respirator conforming to EN 166 1 FT B, EN 12941 TH3
- A2 filters conforming to EN 14387:2004+A1:2008 A1

**This COSHH Assessment has been developed with reference to the manufacturer’s Safety Data Sheet for Socoblade LEP 220, 220H Part B (issue 19/03/2025 Version 1) and reflects the identified Health, Safety and Environmental hazards.**

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**Risk Assessment Sign Off**

<b>Name</b>	<b>Position</b>	<b>Company</b>	<b>Date</b>	<b>Signature</b>

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