

 COSHH Risk Assessment No: 10		 UTILITY SUPPORT SOLUTIONS	
Name of substance, manufacturer and safety data sheet reference.		Bitukold	
Describe the activity or process <i>(Include how long and how often this is carried out and the quantity of substance used. A copy of a current safety data sheet (SDS) for the substance should be attached to this assessment and cross-referenced when completing it).</i>		Use as a hydrocarbon binder for road building and maintenance	
Specify where the activity or process is being carried out		Public footpaths, carriageways and car parks Private paths, driveways and car parks	
Identify the persons at risk:		Employees <i>(including trainees)</i> ☒	Contractors ☒ Public ☐
Hazard(s)			
Physical Nature of Hazard - SDS Section 9.1			
☒ Liquid	☐ Dust	☐ Solid	☐ Fume
☐ Mist	☐ Vapour	☐ Gas	☐ Other (state) _____
Classification of Hazard - SDS Section 2.2			
 Moderate hazard	 Acutely toxic	 Corrosive	 Health hazard
 Flammable	 Oxidising	 Explosive	 Gas under pressure
 Harmful to the aquatic environment	☒	☐	☐
☐	☐	☐	☐
Risk(s)			
Signal Word - SDS Section 2.2 Warning ☒ Danger ☐		Add Hazard Statement(s) - SDS Section 2.2 H315: causes skin irritation H317: may cause an allergic skin reaction H319: causes serious eye irritation	
Route of Exposure - SDS Section 4.1			
☒ Inhalation	☒ Ingestion	☒ Skin Contact	☒ Contact with Eyes
☐ Other (state) _____			
Risks to Health – Most Important Symptoms and Effects - Refer to safety data sheet (attached) SDS Section 4.2			
Workplace Exposure Limits (WELs) please indicate n/a where not applicable - SDS Section 8.1			
Long-term exposure level (8hrTWA): 0.05 mg/m ³ - ROSIN 8050-09-7		Short-term exposure level (15 minutes): 0.15 mg/m ³ - ROSIN 8050-09-7 2 mg/m ³ – POTASSIUM HYDROXIDE 1310-58-3	
Control Measures: (for example extraction, ventilation, training, supervision) - SDS Section 8.2			
First Aid: Recommended Actions - SDS Section 4.1			
Inhalation:	In case of exposition to important vapours, fumes or aerosols concentration, bring the person to fresh air		
Ingestion:	Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention immediately, showing the label. Rinse ones mouth out with milk or water to relieve affected area. Do not induce vomiting to avoid any heartburn. Transport to a specialised hospital immediately for emergency care.		

Skin Contact:	Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread or there is skin damage, a doctor must be consulted or the patient transferred to hospital. In case of burns: apply immediately and copiously cold water for at least 20 minutes. Never remove any product adhered to the skin. Immediately transport to hospital.
Contact with Eyes:	Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open If there is any redness, pain or visual impairment, consult an ophthalmologist Wash immediately in copious amounts of water, keeping eyelids apart for at least 15 minutes and consult a specialist In case of contact with the hot product, cool the eye immediately and copiously with cold water for 10 minutes, keeping the eye open if possible. Take the person to a specialised medical centre.
Other:	As a general rule, in case of doubt or if symptoms persist, always call a doctor. Never induce swallowing by an unconscious person.

Is health surveillance or monitoring required? Yes ☐ No ☒

Personal Protective Equipment (state type and standard) - SDS Section 8.2

 ☐ Dust Mask		 ☐ Visor	
 ☐ Respirator		 ☒ Goggles	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides in accordance with standard EN166. In the event of high danger, protect the face with a face shield. Prescription glasses are not considered as protection. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours. Provide eyewash stations in facilities where the product is handled constantly.
 ☒ Gloves	Wear suitable gloves in the event of prolonged or repeated skin contact. Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.	 ☒ Overalls	Avoid skin contact. Wear suitable protective clothing. In the event of substantial splatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. After contact with the product, all parts of the body that have been soiled must be washed.
 ☐ Footwear		 ☐ Other	Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation.

Storage Arrangements - SDS Section 7.2

Avoid storage temperatures below 5c or above 90c. If the storage time exceeds 15 days moderately mix the emulsion.

If not storing in original packaging then consult the MSDS.

Disposal of residual waste and Containers - SDS Section 13.1 and guidance

Hazardous Waste ☐ Skip ☐ Return to Depot ☐ Return to Supplier ☐ Other (state) ☒

(If Other Please State): Recycle or dispose of waste product and soiled packaging via a certified collector or certified disposal contractor.

Firefighting measures, accidental release measures, toxicological information and ecological information are provided in the safety data sheet (attached).

Is exposure adequately controlled?	Yes ☒	No ☐
Risk Rating After Implementation of Control Measures (see guidance)		
High ☐	Medium ☐	Low ☒
Assessed by: Michael Watson	Date: 11 May 2018	Review Date: 01 September 2018