MATERIAL SAFETY DATA SHEET						Т	
1.IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY							
Product na	ame	LIETO					
Use		Fungicide.					
Formulation		Water Dispersible Granule					
Supplier:		Sipcam UK Limited, 4C Archway House, Melbourn Street, Royston SG8 7BX.					
Emergenc	y No	01763 212100.					
	2. HAZARDS IDENTIFICATION Classification of substance and mixture according to Regulation (EC) Number 1272/2008						
Classification	on of su	DStance and mixture a	-	NING	(EC) Number 1272/2008		
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			<	<b>&gt;</b>	*		
H302		IFUL IF SWALLOWED					
H317 H361		CAUSE AN ALLERGIC ECTED OF DAMAGIN	-		П		
H373					PROLONGED OR REPEA	TED	
	EXPO	SURE (BLOOD, THYN	/US)				
H410		TOXIC TO AQUATIC					
		ation For the wording		•	to section 15.		
	3. COMPOSITION / INFORMATION ON INGREDIENTS Hazardous ingredients according to Regulation EC 1272/2008						
		CAS/EINECS		H Phrases		%	
cymoxanil		57966-95-7/261-043	-0	H302, H317,	H410	33.0%	
zoxamide		156052-68-5		H317, H410		33.0%	
Additional	inform	ation For the wording	of the lis	ted hazard phi	rases refer to section 15.		
4. FIRST A	ID MEA	SURES					
General information:         Instantly remove any clothing soiled by the product.         Symtoms of poisoning may occur even after several hours, therefore medical observation for at least 48 hours after the incident.         After inhalation:         Supply fresh air or oxygen; call for doctor.         In case of unconsciousness bring patient into stable side position for transport.         After skin contact:         Immediately wash with water and soap and rinse thoroughly.         After eye contact:         Rinse opened eye for several minutes under running water. Then consult doctor.         After swallowing:         Do not induce vomiting, call for medical help         Information for doctor:							
Treat symptomatically and supportively. Indication of any immediate medical attention and special treatment needed: No further relevant information available							
		MEASURES					
Suitable extinguishing agents							
CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. <b>Special hazards arising from the substance or mixture</b> Formation of toxic gases is possible during heating or in case of fire. Can be released in case of fire: Nitrogen oxides (NO <sub>x</sub> ) / Carbon monoxide (CO) / Sulphur dioxide (SO <sub>2</sub> )							

Protective equipment: Do not inhale explosion gases or combustion gases.

Wear self-contained breathing apparatus / Put on breathing apparatus. Additional information Cool endangered containers with water spray jet.						
6. ACCIDENTAL RELEASE ME	6. ACCIDENTAL RELEASE MEASURES					
Personal precautions, protective equipment and emergency procedures: Avoid causing dust. Wear protective clothing. Environmental precautions: Inform respective authorities in case product reaches water or sewage system. Do not allow to enter drainage system, surface or ground water. Methods and material for containment and cleaning up: Collect spillage Collect mechanically Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.						
7. HANDLING AND STORAGE						
Precautions for safe handling         Ensure good ventilation/exhaustion at the workplace.         Prevent formation of dust.         Information about protection against explosions and fires:         Keep ignition sources away - Do not smoke.         Protect from heat.         Conditions for safe storage, including any incompatibilities         Storage         Requirements to be met by storerooms and containers:         Store only in the original container.         Store away from foodstuffs.         Do not store together with acids or alkalis (caustic solutions)         Further information about storage conditions:         Keep container tightly sealed.						
Protect from heat and direct sunlight. 8. EXPOSURE CONTROL / PERSONAL PROTECTION						
		workplace:				
Components with limit values that require monitoring at the workplace: This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace						
Personal protective equipment The usual precautionary measures should be adhered to general rules for handling chemicals. Avoid contact with the eyes and skin. Do not eat, drink or smoke while working. Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing Wash hands during breaks and at the end of the work. Breathing equipment: Breathing protection recommended Recommended filter device for short term use: Filter P1						
Protection of hands:	Eye protection:	Body protection:				
Protective gloves.	Safety glasses	Protective work clothing.				
9. PHYSICAL AND CHEMICAL		Portiolo oizo				
Appearance:	Melting point or range: Not determined	Particle size 1-2 mm				
Form: Granulate	Boiling point or range: Not determined	Dust content: Nearly dust free				
Colour: Beige         Flash point: Not applicable						

Odour: Characteristic	<b>Self-inflammability:</b> 425°C.	Solubility / Miscibility (water): Dispersible			
pH-value at 20°C: 6.8 (1% solution)	Danger of explosion: Product is not explosive.	<b>Density</b> : 0.65 g/l			
10. REACTIVITY AND STABIL					
specifications. Possibility of hazardous reac temperatures and pressures. Conditions to avoid: No furthe Incompatible materials: No fu	ditions to be avoided: No deco tions: Hazardous polymerisation er relevant information available. rther relevant information availabl oducts: Thermal decomposition p d toxic oxides of nitrogen	has not reported under normal			
11. TOXICOLOGICAL INFORM	IATION				
LD/LC50 values that are relev	ant for classification:				
Oral LD50: 1469 mg/kg (rat)	Dermal LD50: >5000 mg/kg (rat)	Inhalation LC50/4 h: >4.4 mg/l (rat)			
Skin Irritation: No irritant effect.         Eye Irritation: No irritant effect.         Sensitization: Sensitization possible by skin contact.					
12.ECOLOGICAL INFORMATI	ON				
LC 50: 0.83 (96h) mg/l (rainbow trout ( <i>oncorhynchus mykiss</i> )) Note: Very Toxic for aquatic organisms Persistence and degradability: No further relevant information available. Bioaccumulative potential : Cymoxanil and zoxamide have low bioaccumulation potential Mobility in soil: No further relevant information available. 13. DISPOSAL					
Waste or used preparation: T	his material and its container mu	st be disposed of in a safe way.			
Collect spillage.					
<b>Disposal of packaging</b> : Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste					
14. TRANSPORT					
UN-Number (ADR, IMDG, IATA)       3077         Proper shipping name(ADR, IMDG, IATA)       3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (cymoxanil (ISO))         3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zoxamide (ISO))         3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zoxamide (ISO))         Hazard class (ADRIMDG, IATA):         Class 9 Miscellaneous dangerous substances and articles. Label 9+P. Packing group III         Marine pollutant:       Yes         Special marking (ADR):       Symbol (fish and tree)         Special precautions (user)       Warning: Miscellaneous dangerous substances and articles.         Kemler Number:       90         EMS Number:       F-A,S-F         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.         Transport category 3       Tunnel restriction code E					
15. REGULATORY INFORMATION					
Hazard-determining components of labelling:       Cymoxanil, Zoxamide.         Precautionary (P) statements:       Wear gloves, protective clothing and eye/face protection					

P270	Do not eat, drink or smoke when using this product.	
P264	Wash hands thoroughly after handing	
P273	Avoid release to the environment	
P308+P313	If exposed or concerned. Get medical advice/attention	
P391	Collect spillage	
P501	Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste	
SP1	Do not contaminate water with the product or its container.	
16. OTHER INFORMATION		

H Phrases referenced in section 3:

H302	Harmful if swallowed
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H317 May cause an allergic skin reaction

H373 May cause damage to organs through prolonged or repeated exposure (blood, thymus)

H361 Suspected of damaging the unborn child

H410 Very toxic to aquatic life with long lasting effects

Prepared by Sipcam UK Ltd to the best of our current knowledge and information: No responsibility is accepted that the information will be sufficient or correct in all cases. February 2015