

LumiNova



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SAFETY DATA SHEET

FOR LUMINOVA



Dangerous for the Environment



Emergency number: +61 1800 WAYOUT (1800 929 688)

1 PRODUCT NAME: LumiNova® GLL-300 (M, F, FF)

PRODUCT CODE: NEMO1

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	ELINCS No.	Weight%	Symbols	R Phrases
LumiNova	-	416-840-1	100%	N	R 51/53

3 HAZARDS IDENTIFICATION

- May cause long-term adverse effects in the aquatic environment (R53)
- Toxic to aquatic organisms (R51)

4 FIRST-AID IDENTIFICATION

CONTACT WITH SKIN

- Wash affected area with plenty of water
- Seek medical advice

CONTACT WITH EYES

- If substance has got into eyes, immediately wash out with plenty of water
- Seek medical advice

INGESTION

- Give plenty of water to drink
- Seek medical advice

INHALATION

- Remove patient to fresh air
- Seek medical advice

OTHER INFORMATION

5 FIRE-FIGHTING MEASURES

- Non-combustible solid

6 ACCIDENTAL RELEASE MEASURES

- Use vacuum cleaner to collect spilled material
 - Place in appropriate container
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7.1 HANDLING

- The usual precautions for handling chemicals should be observed
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7.2 STORAGE

- Keep in a cool, dry place
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8.1 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Wear goggles giving complete eye protection
 - **Wear rubber gloves**
 - **Wear suitable dustmask e.g. to BS2091**
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8.2 EXPOSURE LIMITS

- There are no recommended or established controls for this product
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9 PHYSICAL AND CHEMICAL PROPERTIES

- Solid, yellow, powder
 - Boiling point - not applicable
 - Flash point - not applicable
 - Melting point - not applicable
 - Auto-ignition point - not applicable
 - Water solubility 300mg/l
 - Log Pow < 0
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10 STABILITY AND REACTIVITY

- Stable
 - Stable at least up to > 1000 deg C
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11 TOXICOLOGICAL INFORMATION

- LD50 (oral, rat) > 2000 mg/kg
 - LD50 (sking, rat) > 2000 mg/kg
 - Irritation to eyes (rabbit) : Negative
 - Irritation to skin (rabbit) : Negative
 - Sensitization (guinea pig) : Negative
 - Mutagenicity (Ames Test) : Negative
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12 ECOLOGICAL INFORMATION

- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)
 - Not readily biodegradable
 - This substance is poorly absorbed onto soils or sediments
 - LC50 (rainbow trout) 6.8 mg/l (96 hr)
 - EC50 (Daphnia magna) 13 mg/l (48 hr)
 - IC50 (algae) 19 mg/l (72 hr)
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13 DISPOSAL CONSIDERATIONS

- Avoid release to the environment. Refer to special instructions/ Safety data sheets (S61)
 - Bury on an authorized landfill site
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14.1 TRANSPORT REGULATIONS

UN

UN No.	:	Hazard Class	:
Packing Group	:		

Road/Rail (ADR/RID)

ADR UN No.	:	ADR Hazard Class	:
ADR Item No.	:	ADR/RID No.	:
Tremcard	:		

Sea (IMDG)

IMDG UN No.	:	IMDG Hazard Class	:
IMDG Page No.	:	IMDG Pack. Group	:
IMDG EmS	:	IMDG MFAG	

Air (ICAO/IATA)

ICAO UN No.	:	ICAO Hazard Class	:
ICAO Packing Group	:		

14.2 TRANSPORT INFORMATION

 Not classified

15 REGULATORY INFORMATION

Risk Phrases	51/53
Safety Phrases	61

16 OTHER INFORMATION

IUPAC name: Dialuminium x dysprosium y europium (1-x-y) strontium tetraoxide
