


# SAFETY DATA SHEET

## Astrogleam

Revised Jan 2022

1	PRODUCT AND COMPANY IDENTIFICATION
Product Name:	Astrogleam
Product Description:	Artificial Grass Cleaner
Supplier:	FW3 Ltd
Address:	Unit 3 Woodlands Business Park, Burlescombe, Tiverton, Devon EX16 7LL
Phone Number:	01823 672970

2	HAZARDS IDENTIFICATION
Corrosive – causes severe burns Harmful if swallowed Very toxic to aquatic organisms	

3	COMPOSITION/INFORMATION ON INGREDIENTS
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	
CAS-No. :68424-85-1	Acute Tox.4 H302 Xn; R21/22
EC-No. :270-325-2	Acute Tox.4 H312 C;R34
	Skin Corr.1B H314 N;R50
	Aquatic Acute 1 H400
Fragrance	

4	FIRST AID MEASURES
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to ophthalmic hospital if possible.
Skin Contact:	Remove contaminated clothing. Wash off immediately with soap and water. Obtain immediate medical attention showing the label.
Ingestion:	Wash out mouth with water. Drink water do not induce vomiting, seek medical attention.
Inhalation	Remove patient from exposure. If there is respiratory distress, give oxygen, then obtain urgent medical attention.

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<b>5 FIRE FIGHTING MEASURES</b>	
Extinguishing Media:	Not Flammable
Special Hazards of Product:	Under fire conditions: nitrogen oxides (NOx), hydrogen chloride, carbon oxides.
Protective Equipment for Fire Fighting:	Wear self contained breathing apparatus Wear protective clothing to prevent contact with skin

<b>6 ACCIDENTIAL RELEASE MEASURE</b>	
Personal Precautions:	Wear suitable protective clothing including eye/face protection. Keep away unprotected persons.
Spillages:	Do not allow product to enter drains or sewers. Prevent further spillage if safe. Inform EA
Environmental Precautions:	Contain with earth or sand, Transfer to suitable containers for disposal.

<b>7 HANDLING AND STORAGE</b>	
Handling:	Avoid contact with skin and eyes
Storage:	Keep out of direct sunlight in the original clearly labelled container. Keep tightly closed

<b>8 EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
Contains no substances with occupational exposure limit values	
Engineering measures	Ensure sufficient ventilation in area
Hand protection	Chemical resistant gloves (PVC)
Eye protection	When handling neat product wear eye/face protection to EN166-B or above
Skin protection	Impermeable protective clothing

<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>	
Physical State:	Liquid
Colour:	Clear blue
Odour:	None
pH:	6-8
Solubility	Fully miscible in water

<b>10 STABILITY AND REACTIVITY</b>	
Stability:	Stable under normal conditions
Conditions to Avoid:	No information available
Materials to Avoid:	Oxidising agents.
Hazardous Decomposition Products	Carbon oxides, nitrogen oxides (NOx)

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11 TOXICOLOGICAL INFORMATION	
Eyes	Causes burns
Skin	Causes burns
Inhalation	No data available
Ingestion	LD50: 240-400 mg/kg (rat)

12 ECOLOGICAL INFORMATION	
Mobility:	Mobile liquid
Persistence / Degradability:	The product is readily biodegradable but concentrate may harm vegetation, fish, other aquatic organisms and plants.

13 DISPOSAL	
Product Disposal:	Small quantities may be washed away with water, Large quantities must be absorbed with absorbent material and disposed in accordance with local authority regulations
Container Disposal:	Rinse out containers at least twice and recycle if facilities exist, or dispose of as a commercial waste.

14 TRANSPORT INFORMATION	
UN Number: <b>ADR / RID</b>	1760
Description:	Clear liquid
Class:	Corrosive class 8
Packaging Class	2
<b>IMDG</b>	
Packaging Group:	2
Class:	Corrosive class 8
Marine Pollutant:	Yes
<b>IATA</b>	
Packaging Group:	2
Class:	Corrosive class 8

15 REGULATORY INFORMATION	
R phases:	R34/35 Causes severe burns
S phases:	S 1/2, 26, 37/39, 45,46. Keep locked up, keep out of the reach of children, Rinse eyes with water, wear gloves and eye protection, Seek medical help if ingested. If swallowed, wash out mouth, then drink plenty of water, and seek medical attention immediately, showing label.

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16	OTHER INFORMATION
Risk phrases (section 3) R21/22 R34 R50	Harmful in contact with skin and if swallowed. Causes burns. Very toxic to aquatic organisms.
MSDS First Issued: MSDS Data Revised: Revisions Highlighted: Users and Restrictions:	November 2015 n/a  Customers are urged to ensure that the product is totally suitable for their needs. It is the customers responsibility to make a suitable and sufficient assessment regarding the hazards and risk of using this substance.
UK Legislation: UK Guidance Publications:	HASAW Act 1974 and the CHIP Regulations 2002 The ACOP and guidance associated with the above Regulations.
Footnotes:	The information within this safety data sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product.