

Product
Code: FAL 1820
Supersedes: Version 1

PDJ 10% EC
Version: 2

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier FAL 1820

- 1.2. Relevant identified uses of the substance or mixture and uses advised against
 Uses: Horticultural plant growth regulator for professional use
 Not to be used for: Anything other than professional horticultural uses.

- 1.3. Details of the supplier of the safety data sheet

Company Identification	Fine Agrochemicals Ltd
Address and Telephone No.	Hill End House Whittington Worcester WR5 2RQ
Phone	+44 (0) 1905 361800
Contact:	Safety Dept. sds@fine.eu

- 1.4. Emergency telephone number +44 (0) 1905 361800

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
 Classification (by calculation) according to EU CLP EC1272/2008 regulations.

Eye Irritant Category 2

2.2. Label elements

Signal word Warning Symbol



H Statement
 H319: Causes serious eye irritation

P Statements
 P280: Wear protective gloves/eye protection/face protection.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor/physician.

2.3. Other hazards

EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous component(s)

Under CLP EC1272/2008

Ingredient	CAS Number/ EC Number	REACH Registration Number	%	CLP Hazard Category	H-Statements
Propylene carbonate	108-32-7 / 203-572-1	Not yet available	70 - 80	Eye Irritation Category 2	H319
Ethoxylated polyaryl phenol	99734-09-5 / Not available	Not yet available	8 - 14	Eye Irritation Category 2	H319

For full wording of H Statements see Section 16.

For Occupational Exposure Limits see Section 8

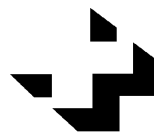
SECTION 4. FIRST-AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove patient to fresh air, allow to rest and keep warm.
Skin contact	Remove contaminated clothing and wash before reuse. Wash skin with soap and water for several minutes. Get medical attention if symptoms arise and persist.
Eye contact	Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. Get medical attention if symptoms arise and persist.
Ingestion	DO NOT induce vomiting! Rinse mouth out and then drink plenty of water. Get medical attention if discomfort occurs.
Personal precautions	Ensure that those giving first aid treatment do not get contaminated by product spills, etc. Wear suitable protective clothing, gloves and eye protection. See also Section 8 for details.

4.2. Most important symptoms and effects, both acute and delayed
May cause mild, transient eye or skin irritation.

4.3. Indication of any immediate medical attention and special treatment needed
None other than above.



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SECTION 5. FIRE-FIGHTING MEASURES

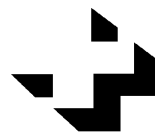
- 5.1. Extinguishing media
- Suitable Water, foam, carbon dioxide or dry powder.
 - Not to be used None.
- 5.2. Special hazards arising from the substance or mixture
None.
- 5.3. Advice for fire fighters
As required for surrounding fire.
Prevent fire fighting water entering watercourses or ground-water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
Wear suitable protective clothing, gloves, safety goggles.
- 6.2. Environmental precautions
Prevent from entering sewers or the immediate environment. In case of large spill, inform local police, local authority, water company, National Rivers Authority and/or fire brigade as appropriate.
- 6.3. Methods and material for containment and cleaning up
- on soil Contain/absorb with non-combustible absorbent material (eg, sand, earth, vermiculite, chemical absorbent) and place in suitable, closable container for safe disposal.
 - on water None known, inform relevant authorities.
- 6.4. Reference to other sections
See Section 8 for details of protective equipment.
See Section 13 for details of disposal.

SECTION 7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling
Use personal protective equipment, see Section 8. Avoid contact with skin and eyes. Do not ingest. Do not inhale spray or vapours. Do not eat, drink or smoke whilst handling this material.
- 7.2. Conditions for safe storage, including any incompatibilities
Keep in original containers in cool well ventilated place.
Keep containers tightly closed when not in use.
- 7.3. Specific end use(s)
Horticultural plant growth regulator



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Partition coefficient (log P _{ow})	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Viscosity (mPa.s at 100s ⁻¹)	Not determined
Oxidising properties	None

9.2. Other information

Note: These are typical values and do not constitute a specification.

SECTION 10. STABILITY AND REACTIVITY

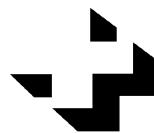
10.1. Reactivity	Stable product under recommended storage and handling conditions.
10.2. Chemical stability	Stable product under recommended storage and handling conditions.
10.3. Possibility of hazardous reactions	Stable product under recommended storage and handling conditions.
10.4. Conditions to avoid	Protect from high temperatures and sources of ignition.
10.5. Incompatible materials	Avoid accidental contact with strong acidic or alkaline solutions or oxidising materials.
10.6. Hazardous decomposition products	None known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No data available on mixture. Data based on individual components shown below:

(a) acute toxicity	Reason for no classification: Data conclusive but not sufficient for classification
(b) skin corrosion/irritation	Reason for no classification: Data conclusive but not sufficient for classification.
(c) serious eye damage/irritation	Classified as eye irritant cat 2. Components present at a level sufficient for classification of the mixture.
(d) respiratory or skin sensitisation	Reason for no classification: Data conclusive but not sufficient for classification
(e) germ cell mutagenicity	Reason for no classification: Data conclusive but not sufficient for classification.
(f) carcinogenicity	Reason for no classification: Data conclusive but not sufficient for classification.
(g) reproductive toxicity	Reason for no classification: Data conclusive but not sufficient for classification.
(h) STOT-single exposure	Reason for no classification: Data conclusive but not sufficient for classification.



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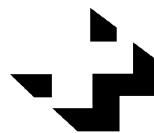
(i) STOT-repeated exposure	Reason for no classification: Data conclusive but not sufficient for classification.
(j) aspiration hazard	Reason for no classification: Data conclusive but not sufficient for classification.
Likely routes of exposure	Contact with skin and eyes or by inhalation of spray.
Symptoms related to the physical, chemical and toxicological characteristics	May cause mild, transient eye or skin irritation.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	None known.
Other information	Calculations according to the precepts of the EU CLP regulation (CLP EC1272/2008 as amended) show this product to be Classified as hazardous to human health.

SECTION 12. ECOLOGICAL INFORMATION

No data available on mixture or ingredients.	Comments below based on classifications of individual components
12.1. Toxicity	No data available, but not expected to be hazardous to aquatic life
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	Not determined.
12.5. Results of PBT and vPvB assessment	Does not fulfil the criteria for classification as PBT or vPvB.
12.6. Other adverse effects	None known. Calculations according to the precepts of the EU CLP regulation (CLP EC1272/2008 as amended) show this product to be not classified as hazardous to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods Disposal of product	Dispose of as Controlled Waste, via a licensed contractor ensuring that all national and local authority requirements are complied with.
Disposal of packaging	Contaminated packing should be disposed of as Controlled Waste, as above, according to local authority guidelines.



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Washed and decontaminated packing should be returned for reuse.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous for transport

- | | |
|--|---------------------|
| 14.1. UN number | None |
| 14.2. UN proper shipping name | None |
| 14.3. Transport hazard class(es) | None |
| 14.4. Packing group | None |
| 14.5. Environmental hazards | None |
| 14.6. Special precautions for user | See S-phrases above |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |

SECTION 15. REGULATORY INFORMATION

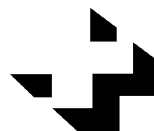
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Control of Substances Hazardous to Health Regulations 2002
Environmental Protection Act 1990
Hazardous Waste Regulations 2005
Waste Management Licensing Regulations 1994
Sludge Use in Agriculture Regulations 1989
Collection and Disposal of Waste Regulations 1988
All as amended from time to time.

15.2. Chemical Safety Assessment
A Chemical Safety Assessment has not been carried out on this mixture.

SECTION 16. OTHER INFORMATION

Inventories - All ingredients listed in EINECS unless exempted.

Sources of data used in this SDS
In-house data files



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Literature such as Sax's Dangerous Properties of Industrial Materials, the RSC Dictionary of Substances and their Effects, RTECS
Suppliers' Data Sheets
CLP Annex VI Tables 3.1 and 3.2

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Nature of revision	Not relevant - first issue.
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H-statements used in Section 3
H319 Causes serious eye irritation

The information provided in this Safety Data Sheet is accurate as of the date indicated and is compiled on the **basis of Fine Agrochemicals' current knowledge** and experience. It does not purport to be an exhaustive assessment. The data is supplied in good faith and is intended to provide health and safety guidance on the handling, storage, transportation and disposal of the material in / from the package in which it is supplied. It is not a substitute for the product label which must be consulted in tandem when applying the material. The information is specific to the material only and may not be valid when it is mixed or used with other materials. Fine Agrochemicals assumes no responsibility for any incidental or consequential damages arising from the use of this data and expressly disclaims any liability for loss, injury, damages or expenses arising from any failure to take into account the information or advice contained in this document.

This document is intended only as a guide to appropriate precautionary handling of this product by a trained person, or supervised by a person trained in chemical handling. The product shall not be used for purposes different from than those indicated in Section 1.

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