



ALL CLEAR[®] EXTRA

Version 3.0

Revision Date 15.11.2012

Ref. 130000000547

This SDS adheres to the standards and regulatory requirements of Great Britain and may not meet the regulatory requirements in other countries.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : ALL CLEAR[®] EXTRA

Synonyms : C10060056

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Cleaner for spraying equipment

1.3. Details of the supplier of the safety data sheet

Company : Du Pont (UK) Limited
Wedgwood Way
Stevenage, Herts. SG1 4QN
United Kingdom

Telephone : +44-1438-734.000

E-mail address : sds-support@che.dupont.com

1.4. Emergency telephone number

Emergency telephone number : +44-(0)8456-006.640

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Irritant R41: Risk of serious damage to eyes.

2.2. Label elements



Irritant

R41 Risk of serious damage to eyes.

S 2 Keep out of the reach of children.

S13 Keep away from food, drink and animal feedingstuffs.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

2.3. Other hazards



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This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Registration number	Classification according Directive 67/548/EEC	Classification according Regulation 1272/2008 (CLP)	Concentration
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Tetrapotassium pyrophosphate (CAS-No.7320-34-5) (EC-No.230-785-7)

	Xi;R36	Eye Irrit. 2; H319	>= 10 - <= 30 %
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Alcohols, C12-15, ethoxylated (CAS-No.68131-39-5) (EC-No.500-195-7)

	Xn;R22 Xi;R41 N;R50	Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Acute 1; H400	>= 1 - <= 10 %
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Tetrasodium (1-hydroxyethylidene)bisphosphonate (CAS-No.3794-83-0) (EC-No.223-267-7)

	Xi;R36/38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 1 - <= 10 %
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The above products are REACH compliant; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- General advice : For specialist advice physicians should contact the National Poisons Information Service, (24-hr), Tel: 0870-600-6266.
- Inhalation : Move to fresh air. Oxygen or artificial respiration if needed. Consult a physician after significant exposure.
- Skin contact : Wash off immediately with soap and plenty of water. Take off contaminated clothing and shoes immediately. In the case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before re-use.
- Eye contact : If in eyes, rinse with water for 15 minutes. Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. Call a physician immediately.



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Ingestion : Rinse mouth. Do NOT induce vomiting. If conscious, drink plenty of water. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : Skin contact may provoke the following symptoms:, Irritation, Redness
: Eye contact may provoke the following symptoms:, Permanent eye damage or blindness, Pain, Redness, blurred vision
: Ingestion may provoke the following symptoms:, Nausea, Stomach/intestinal disorders
: Inhalation may provoke the following symptoms:, Irritation, discomfort in the chest

4.3. Indication of any immediate medical attention and special treatment needed

|| Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Keep containers and surroundings cool with water spray.

Extinguishing media which shall not be used for safety reasons : High volume water jet, (contamination risk)

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : Burning produces noxious and toxic fumes. Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO₂) nitrogen oxides

5.3. Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
: (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers / tanks with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures



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Personal precautions : Use personal protective equipment. Evacuate personnel to safe areas. Refer to protective measures listed in sections 7 and 8.

6.2. Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so. Use appropriate container to avoid environmental contamination. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Clean-up methods - small spillage Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal. Use approved industrial vacuum cleaner for removal.
Clean-up methods - large spillage Prevent further leakage or spillage. Large spills should be collected mechanically (remove by pumping) for disposal. Collect leaking liquid in sealable (metal/plastic) containers.

Other information : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

6.4. Reference to other sections

For personal protection see section 8., For disposal instructions see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For personal protection see section 8.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed in a cool, well-ventilated place. Store at room temperature in the original container. Store in a place accessible by authorized persons only. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

Advice on common storage : Do not store near acids.

Other data : Stable under recommended storage conditions.

7.3. Specific end use(s)

no data available

SECTION 8: Exposure controls/personal protection



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8.1. Control parameters

If sub-section is empty then no values are applicable.

Components with workplace control parameters

Type Form of exposure	Control parameters	Update	Basis	Remarks
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2-Aminoethanol (CAS-No. 141-43-5)

TWA	2.5 mg/m3 1 ppm	2007	EH40 WEL	
STEL	7.6 mg/m3 3 ppm	2007	EH40 WEL	
SKIN_DES		2007	EH40 WEL	Can be absorbed through skin.
SKIN_DES		12 2009	EU ELV	Can be absorbed through skin.
STEL	7.6 mg/m3 3 ppm	12 2009	EU ELV	Indicative
TWA	2.5 mg/m3 1 ppm	12 2009	EU ELV	Indicative

8.2. Exposure controls

Engineering measures : Ensure adequate ventilation, especially in confined areas.

Eye protection : Safety glasses with side-shields conforming to EN166

Hand protection : Material: Nitrile rubber
 Glove thickness: 0.4 - 0.7 mm
 Glove length: Gauntlets of 35 cm long or longer.
 Protection index: Class 6
 Wearing time: 480 min
 Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Before removing gloves clean them with soap and water. Gloves must be inspected prior to use.

Skin and body protection : Manufacturing and processing work: Full protective clothing Type 6 (EN 13034) Mixer and loaders must wear: Full protective clothing Type 6 (EN 13034) Nitrile rubber boots (EN 13832-3 / EN ISO 20345). Field and greenhouse application: Tractor / sprayer with hood: No personal body protection normally required. Tractor / sprayer without hood: Full protective clothing Type 4 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345). Mechanical automatized spray application in closed tunnel: No personal body protection normally required.



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- Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Only protected handlers may be in the area during application.
- Hygiene measures : Regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. For environmental protection remove and wash all contaminated protective equipment before re-use. Dispose of rinse water in accordance with local and national regulations. Do not breathe vapour. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing should not be allowed out of the workplace.
- Respiratory protection : Manufacturing and processing work: Mixer and loaders must wear: Half mask with vapour filter A1 (EN 141) Spray application - outdoor: Field and greenhouse application: Tractor / sprayer with hood: No personal body protection normally required during the application. However, gloves and a long sleeved shirt shall be worn when handling the treated plants after the application. Tractor / sprayer without hood: Half mask with a particle filter P1 (EN 143). Mechanical automatized spray application in closed tunnel: No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Form : liquid
- Colour : yellow
- Odour : characteristic
- Odour Threshold : not determined
- pH : ca. 10.5 - 11.5
- Melting point/range : not determined
- Boiling point/boiling range : No information available.
- Flash point : > 80 °C
- Auto-ignition temperature : Not available for this mixture.
- Lower explosion limit/ lower flammability limit : not determined
- Upper explosion limit/ upper flammability limit : not determined
- Relative density : ca. 1.040



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Solubility/qualitative	: completely soluble
Water solubility	: soluble
Partition coefficient: n-octanol/water	: Not available for this mixture.
Viscosity, kinematic	: not determined
Evaporation rate	: no data available
9.2. Other information	
Phys.-chem./other information	: No other data to be specially mentioned.

SECTION 10: Stability and reactivity

10.1. Reactivity	: Stable under recommended storage conditions.
10.2. Chemical stability	: The product is chemically stable.
10.3. Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use. No decomposition if stored and applied as directed.
10.4. Conditions to avoid	: Heat.
10.5. Incompatible materials	: Strong oxidizing agents Strong acids
10.6. Hazardous decomposition products	: no data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

LD50 / rat : > 2,000 mg/kg
(Data on the product itself)

- Tetrasodium (1-hydroxyethylidene)bisphosphonate
LD50 / rat : 990 mg/kg

Acute dermal toxicity

- Tetrapotassium pyrophosphate
LD50 / rabbit : > 2,000 mg/kg
- Tetrasodium (1-hydroxyethylidene)bisphosphonate
LD50 / animals (unspecified species) : > 2,300 mg/kg
no data available

Skin irritation



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- Tetrapotassium pyrophosphate
rabbit
Mild skin irritation

Eye irritation

- Tetrapotassium pyrophosphate
rabbit
irritant

Repeated dose toxicity

- Tetrapotassium pyrophosphate
No adverse effects expected.

Mutagenicity assessment

- Tetrapotassium pyrophosphate
Animal testing did not show any mutagenic effects.
- Tetrasodium (1-hydroxyethylidene)bisphosphonate
no data available

Carcinogenicity assessment

- Tetrapotassium pyrophosphate
Not classifiable as a human carcinogen.
- Tetrasodium (1-hydroxyethylidene)bisphosphonate
no data available

Toxicity to reproduction assessment

- Tetrapotassium pyrophosphate
no data available
- Tetrasodium (1-hydroxyethylidene)bisphosphonate
No toxicity to reproduction

Human experience

Excessive exposures may affect human health, as follows:

Inhalation
Respiratory system: Irritation

Ingestion
Gastrointestinal tract: Irritation, Nausea

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability



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Biodegradability

Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation

Does not bioaccumulate.

12.4. Mobility in soil

Mobility in soil

Under actual use conditions the product has a low potential of mobility in soil.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). / This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

Additional ecological information

This product has no known eco-toxicological effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product : Dispose of in accordance with local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container.
- Contaminated packaging : Do not re-use empty containers. If recycling is not practicable, dispose of in compliance with local regulations.

SECTION 14: Transport information

ADR

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none
- 14.6. Special precautions for user:
Not classified as dangerous in the meaning of transport regulations.

IATA_C

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none



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14.6. Special precautions for user:
Not classified as dangerous in the meaning of transport regulations.

IMDG

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable
14.4. Packing group: not applicable
14.5. Environmental hazards: none
14.6. Special precautions for user:
Not classified as dangerous in the meaning of transport regulations.

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

Other regulations : No specific information about other regulations/legislation to be mentioned.

15.2. Chemical Safety Assessment

no data available

SECTION 16: Other information

Text of R-phrases mentioned in Section 3

R22 Harmful if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

Full text of H-Statements referred to under section 3.

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.

Other information professional use

Further information

Take notice of the directions of use on the label.
® Registered trademark of E.I. du Pont de Nemours and Company

Significant change from previous version is denoted with a double bar.



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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.