

**ALL CLEAR® EXTRA**

Version 2.2

Revision Date 06.02.2008

Ref. 130000000547

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

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Product name : ALL CLEAR® EXTRA

Synonyms : C10060056

Use of the Substance/Preparation : Cleaner for spraying equipment

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

Telephone : +44-1438-734.000

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

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

**2. HAZARDS IDENTIFICATION**

Irritating to eyes and skin.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	EC-No.	Classification	Concentration [%]
Polyethylene Oxide Mono-C12-15-Alkyl Ether	68131-39-5	500-195-7	Xi; R36/38 R53	5 - 15
Ethanolamine	141-43-5	205-483-3	Xn; R20/21/22 C; R34	5 - 15
Potassium Pyrophosphate (K4P2O7)	7320-34-5	230-785-7	Xi; R36	1 - 5

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

**4. 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

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

**5. FIRE-FIGHTING MEASURES**

- 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),
- Specific hazards during fire fighting : Burning produces obnoxious and toxic fumes.
- Special protective equipment for fire-fighters : 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.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Use personal protective equipment. Evacuate personnel to safe areas. Refer to protective measures listed in sections 7 and 8.
- 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.
- Methods for cleaning up : Clean-up methods - small spillage Soak up with inert absorbent material. Sweep up or vacuum up spillage and collect in suitable container for disposal. Use a suitable vacuum cleaner.
- 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.
- Additional advice : Never return spills in original containers for re-use. Dispose of in accordance

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with local regulations.

**7. HANDLING AND STORAGE****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.

**Storage**

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 reach of children. Keep away from food, drink and animal feeding stuffs.

Advice on common storage : Do not store near acids.

Other data : Stable under recommended storage conditions.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ethanolamine	141-43-5	STEL	15 mg/m3 6 ppm	2002	EH40 OES
		TWA	7,6 mg/m3 3 ppm	2002	EH40 OES
		TWA	7,6 mg/m3 3 ppm	2005	EH40 WEL
		STEL	15 mg/m3 6 ppm	2005	EH40 WEL

**Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Half mask with a particle filter FFP3 (EN149)

Hand protection : Material: Nitrile rubber  
Glove thickness: 0,4 - 0,7 mm  
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

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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.

- Eye protection : Tightly fitting safety goggles
- Skin and body protection : Full protective clothing Type 6 (EN 13034) Apron
- 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 feeding stuffs. For environmental protection remove and wash all contaminated protective equipment before re-use. Dispose of rinse water in accordance with local and national regulations.
- Protective measures : All chemical protective clothing should be visually inspected prior to use. Clothing and gloves should be replaced in case of chemical or physical damage or if contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Form : liquid,
- Colour : yellow,
- Odour : characteristic,
- pH : ca. 11,2
- Flash point : > 80 °C
- Relative density : ca. 1,060
- Solubility/qualitative : completely soluble

**10. STABILITY AND REACTIVITY**

- Conditions to avoid : Heat.
- Materials to avoid : Strong oxidizing agents, Strong acids
- Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>)
- Hazardous reactions : Burning produces obnoxious and toxic fumes. No decomposition if stored and applied as directed.

**11. TOXICOLOGICAL INFORMATION**

- Acute oral toxicity : LD50/ rat: > 2 000 mg/kg(Data on the product itself)

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## Acute dermal toxicity

- Ethanolamine

: LD50/ rabbit : 1 000 mg/kg

Skin irritation : Irritating to skin and mucous membranes

Eye irritation : Contact with eyes may cause irritation. May cause irreversible eye damage.

## Sensitisation

- Ethanolamine

: Patch test on human volunteers did not demonstrate sensitization properties.

## Mutagenicity assessment

- Ethanolamine

: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Human experience : Excessive exposures may affect human health, as follows:

Inhalation

*Respiratory system:* Irritation

Ingestion

*Gastrointestinal tract:* Irritation, Nausea**12. ECOLOGICAL INFORMATION****Elimination information (persistence and degradability)**

Biodegradability : Readily biodegradable.

Bioaccumulation : Does not bioaccumulate.

**Further information on ecology**

Additional ecological information : This product has no known eco-toxicological effects.

**13. DISPOSAL CONSIDERATIONS**

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.

**14. TRANSPORT INFORMATION**

Further information : Not classified as dangerous in the meaning of transport regulations.

**15. REGULATORY INFORMATION**

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**Labelling according to EC Directives**

Symbol(s)	: Xi	Irritant
R-phrases(s)	: R36/38	Irritating to eyes and skin.
S-phrases(s)	: S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37/39	Wear suitable gloves and eye/face protection.

**16. OTHER INFORMATION****Text of R-phrases mentioned in Section 2**

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R53	May cause long-term adverse effects in the aquatic environment.

**Further information**

Take notice of the directions of use on the label.

<sup>®</sup> Registered trademark of E.I. du Pont de Nemours and Company

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

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 guidance 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.