

**SAFETY DATA SHEET**

Issue No: 6

Date: 02/08/07

**ALTROCLEAN 44 FLOOR CLEANER****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY**

**PRODUCT NAME:** ALTROCLEAN 44 FLOOR CLEANER

**PRODUCT TYPE/USE:** BIODEGRADABLE WATER BASED DETERGENT

**EMERGENCY TEL NOS:** 01462 480480  
01462 489269

**SUPPLIER:** ALTRO FLOORS  
WORKS ROAD  
LETCHWORTH GARDEN CITY  
HERTS  
SG6 1NW

**TELEPHONE:** 01462 480480

**FAX:** 01462 480010

**CONTACT PERSON:** Barry Hall

**MANUFACTURER:** Please contact Altro for details.

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENTS</b>	<b>CAS NO:</b>	<b>CONTENT</b>	<b>HEALTH</b>	<b>RISK PHRASES</b>
NITRILOTRIACETIC ACID	139-89-9	1-5%	Xi	36
TRISODIUM SALT				
SODIUM METASILICATE	6834-92-0	1-5%	C	34
GLYCEROL	56-81-5	1-5%		
ALCOHOL ETHOXYLATE	68439-45-2	1-5%	Xn	22, 36/38

**3. HAZARDS IDENTIFICATION**

**INHALATION:** Inhalation of spray mist should be avoided.

**SKIN CONTACT:** May cause irritation to sensitive skin.

**EYE CONTACT:** Likely to cause stinging and irritation.

**INGESTION:** May cause irritation to the gastrointestinal tract.

**4. FIRST AID MEASURES**

**INHALATION:** Move the effected person to fresh air at once. Keep the affected person warm and at rest. If adverse symptoms are experienced following exposure to mist or spray, get medical attention.

**SKIN CONTACT:** Remove affected person from source of contamination. Wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Seek medical attention if irritation persists.

**EYE CONTACT:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 10minutes and get medical attention if irritation persists.

**INGESTION:** Do not induce vomiting. Immediately rinse mouth and provide fresh air. NEVER MAKE AN UNCONCIOUS PERSON VOMIT OR DRINK FLUIDS! Give water to drink and seek medical attention.



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## 5. FIRE FIGHTING MEASURES

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<b>EXTINGUISHING MEDIA:</b>	Water spray, fog or mist. Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemicals, sand, dolomite etc.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	This product is non-flammable.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Not applicable.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Not applicable.

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## 6. ACCIDENTAL RELEASE MEASURES

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### STEPS TO BE TAKEN IF PRODUCT IS RELEASED OR SPILT:

Large spillages - mop up and dispose of safely. Any small spillages or residues may washed away with water.

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## 7. HANDLING AND STORAGE

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<b>USEAGE PRECAUTIONS:</b>	Caution: Alkaline product. Avoid skin and eye contact.
<b>STORAGE PRECAUTIONS:</b>	Keep in cool, dry storage and closed containers. Do not store above 35°C.
<b>STORAGE CRITERIA:</b>	Misc. non-hazardous material storage.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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INGREDIENT NAME	CAS NO:	STD	LTEL		STEL	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
NITRILOTRIACETIC ACID TRISODIUM SALT	139-89-9					
SODIUM METASILICATE	6834-92-0					
GLYCEROL	56-81-5			10 (AOM)		
ALCOHOL ETHOXYLATE	68439-45-2					

AOM = as oil mist

### PROTECTIVE EQUIPMENT:-

<b>VENTILATION:</b>	Normal conditions should be adequate.
<b>RESPIRATORS:</b>	Face mask recommended if spray contact likely.
<b>PROTECTION GLOVES:</b>	Use PVC gloves.
<b>EYE PROTECTION:</b>	Splash proof goggles recommended.
<b>OTHER PROTECTION:</b>	Provide eyewash. Wear appropriate clothing to prevent possibility of skin contact.
<b>HYGENIC WORK PRACTICES:</b>	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated. Isolate contaminated clothing and wash before reuse.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>APPEARANCE:</b>	Clear slightly viscous liquid.
<b>COLOUR:</b>	Green.
<b>ODOUR/TASTE:</b>	Mild lemon.
<b>SOLUBILITY DESCRIPTION:</b>	Soluble in water.
<b>pH</b>	Neat = about 13 Diluted 1% with water = about 10.2 Diluted 2% with water = about 10.9
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	1.0 Temperature(°C): 20



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## 10. STABILITY AND REACTIVITY

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<b>STABILITY:</b>	Stable.
<b>MATERIALS TO AVOID:</b>	Acids. Aluminium, Zinc, Tin, Copper, Nickel and their alloys.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None.

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## 11. TOXICOLOGICAL INFORMATION

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<b>OTHER HEALTH EFFECTS:</b>	SODIUM METASILICATE LD50 = 1153 mg/kg (oral/rat)
<b>HEALTH WARNINGS:</b>	Spray mist may be harmful on prolonged exposure. Swallowing concentrated cleaner may cause severe internal irritation.
<b>ROUTE OF ENTRY:</b>	Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.
<b>TARGET ORGANS:</b>	Eyes. Respiratory system, lungs. Skin.
<b>MEDICAL SYMPTOMS:</b>	Skin and eye irritation.

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## 12. ECOLOGICAL INFORMATION

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<b>BIO ACCUMULATION:</b>	Very low potential for bioaccumulation.
<b>DEGRADABILITY:</b>	Biodegradable.
<b>ACUTE FISH TOXICITY:</b>	Not applicable.

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## 13. DISPOSAL CONSIDERATIONS

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<b>DISPOSAL METHODS:</b>	Product should be regarded as non-hazardous and should be disposed of in line with local regulations.
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## 14. TRANSPORT INFORMATION

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<b>LABEL FOR CONVEYANCE:</b>	Classified as Non-hazardous for Transport	<b>RAIL TRANSPORT:</b>	
<b>ROAD TRANSPORT:</b>		<b>RID CLASS No.:</b>	Not applicable
<b>UN No. ROAD:</b>	Not applicable	<b>RID ITEM No.:</b>	Not applicable
<b>ADR CLASS No.:</b>	Not applicable	<b>SEA TRANSPORT:</b>	
<b>ADR CLASS:</b>	Not applicable	<b>IMDG CLASS:</b>	Not applicable
<b>ADR ITEM No.:</b>	Not applicable	<b>IMDG PACK GROUP:</b>	Not applicable
<b>HAZARD No. (ADR)</b>	Not applicable	<b>MARINE POLLUTANT:</b>	No
<b>ADR LABEL No.:</b>	Not applicable	<b>AIR TRANSPORT:</b>	
<b>PROPER SHIPPING NAME:</b>	Not applicable	<b>ICAO CLASS:</b>	Not applicable
		<b>AIR PACK GROUP:</b>	Not applicable

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## 15. REGULATORY INFORMATION

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<b>LABEL FOR SUPPLY:</b>	Classified as Non-hazardous for Supply.
<b>RISK PHRASES:</b>	Not applicable
<b>SAFETY PHRASES:</b>	S- 2 Keep out of reach of children. S-24/25 Avoid contact with skin and eyes. S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-28 After contact with skin, wash immediately with plenty of water and soap if necessary.



**UK REGULATORY REFERENCES:**

Chemicals (Hazard Information & Packaging) Regulations 1993.

**EU DIRECTIVES:**

Dangerous Preparations Directive 88\379.

**GUIDANCE NOTES:**

Occupational Exposure limits EH40.

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**16. OTHER INFORMATION**

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**INFORMATION SOURCES:**

Material safety Data Sheet, Misc. manufactures.  
Croner's: Dangerous Substances. Croner's:  
Substances Hazardous to Health. Croner's:  
Emergency first aid Guide.

**REVISION DATE:**

02/08/07

**SDS INITIALLY GENERATED:**

29/11/95